

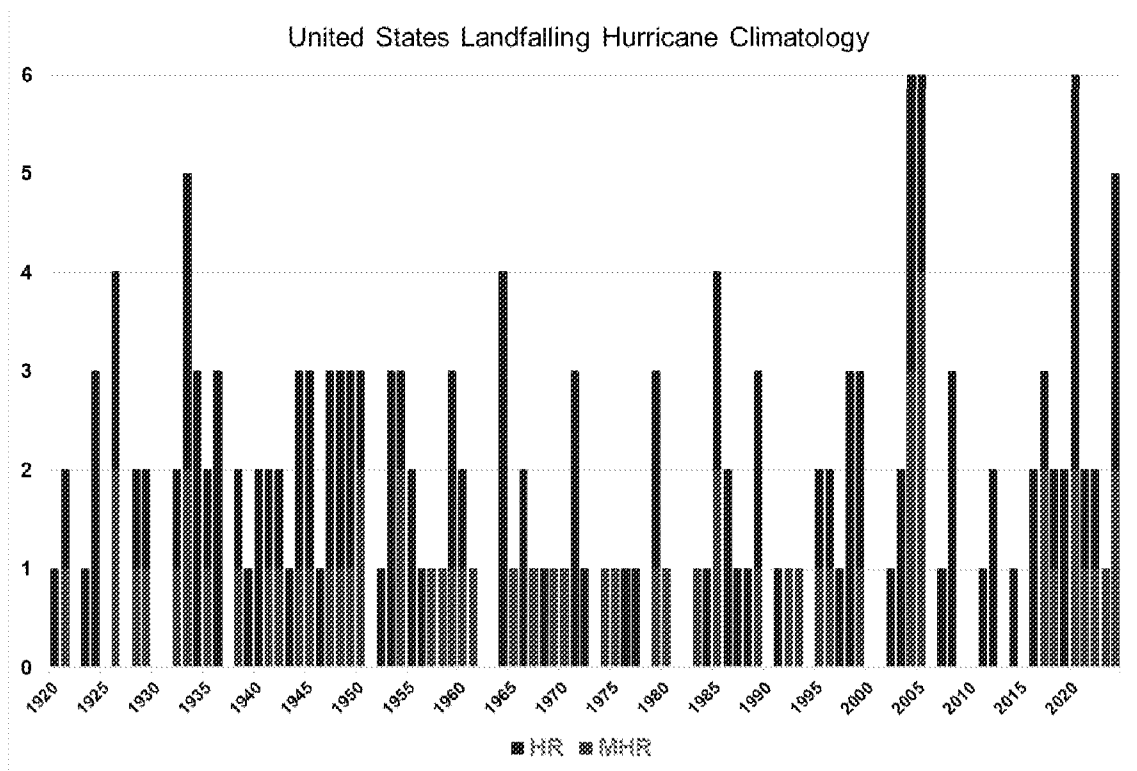


Figure 6.2.3: U.S. landfalling frequency of hurricanes (HR) and major hurricanes (MHR) since 1920. Source NOAA HRD(a) (2024)

Figure 6.2.3 shows substantial interannual to multidecadal variability in U.S. landfall activity. Klotzbach et al. (2018) examined how the landfall counts vary with ENSO (El Niño versus La Niña) and the warm versus cold phases of the Atlantic Multidecadal Oscillation (AMO).

Villarini et al. (2012) provide an analysis of U.S. hurricane landfalls back to 1878. While it is possible that some landfalls were missed in the late 19th century owing to sparsely populated regions on the Gulf Coast, it is remarkable that the highest year in the entire record is 1886, with 7 landfalls, when human influences on the climate were much smaller than they are today.

Table 6.2.1 shows the 10 strongest hurricanes (plus ties) to make U.S. landfall. Of the hurricanes that have made landfall with sustained winds greater than 150 mph, only one has occurred in the 21st century.

In summary, analyses of both global and regional variability and trends of hurricane activity provide the basis for detecting changes and understanding their causes. The relatively short historical record of hurricane activity, and the even shorter record from the satellite era, is not sufficient to assess whether recent hurricane activity is unusual relative to the background natural variability. Atlantic hurricane processes are influenced substantially by the natural modes of ocean circulation variability in the Atlantic, notably the Atlantic Multidecadal Oscillation. While it has long been hypothesized that a rising global sea surface temperature would cause an increase in hurricane intensity, identification of any significant trend in the hurricane data is hampered by a short data record and substantial natural variability.

Rank	Year	Landfall Wind (MPH)	Name
1	1935	185	"Labor Day"
2	1969	175	Camille
3	1992	165	Andrew
4	2018	160	Michael
5	1856	150	"Last Island"
5	1886	150	"Indianola"
5	1919	150	-----
5	1932	150	"Freeport"
5	2004	150	Charley
5	2020	150	Laura
5	2021	150	Ida
5	2022	150	Ian

Table 6.2.1 Strongest hurricanes to make landfall along the U.S. coast. Source (NOAA HRD(b), 2024)

6.3 Temperature extremes

The AR6 assessment focused on the period after 1950 and reported increasing trends in heatwave frequency and intensity. However, the NCA4 noted that heatwave activity in the U.S. reached a peak in the 1930s.

AR6: It is *virtually certain* that hot extremes (including heatwaves) have become more frequent and more intense across most land regions since the 1950s, while cold extremes (including cold waves) have become less frequent and less severe (SPM, A3.1)

AR6: In North America, there is very robust evidence for a *very likely* increase in the intensity and frequency of hot extremes and decrease in the intensity and frequency of cold extremes for the whole continent, though there are substantial spatial and seasonal variations in the trends. Minimum temperatures display warming consistently across the continent, while there are more contrasting trends in the annual maximum daily temperatures in parts of the USA. (Chapter 11, p 1550)

NCA4: Changes in warm extremes are more nuanced than changes in cold extremes. For instance, the warmest daily temperature of the year **increased** in some parts of the West over the past century, but there were **decreases** in almost all locations east of the Rocky Mountains. In fact, all eastern regions experienced a net **decrease**, most notably the Midwest (about 2.2°F [1.2°C]) and the Southeast (roughly 1.5°F [0.8°C]). (pp. 190-191)

NCA4: Since the mid-1960s, there has been only a very slight increase in the warmest daily temperature of the year (amidst large interannual variability). Heat waves (6-day periods with a maximum temperature above the 90th percentile for 1961–1990) increased in frequency until the mid-1930s, became considerably less common through the mid-1960s, and increased in frequency again thereafter. As with warm daily temperatures, **heat wave magnitude reached a maximum in the 1930s.** (pp. 190-191)

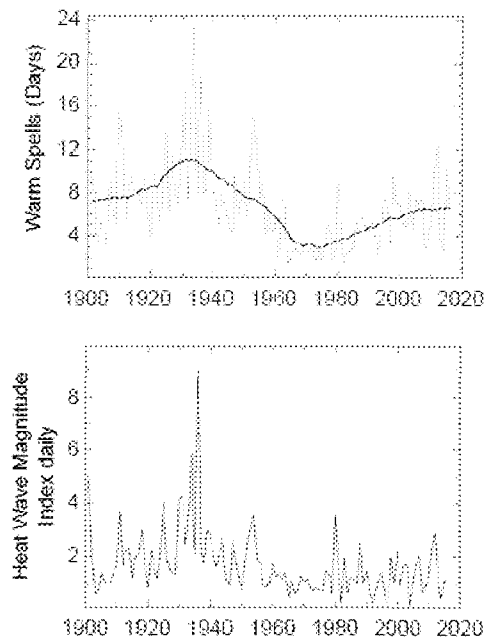


Figure 6.3.1: U.S. Heat waves since 1900. Source: NCA4 Figure 6.4

6.3.1 Temperatures in the U.S. are becoming less extreme

Daily maximum temperatures in the warm season (Tmax, May-Sep) and daily minimum temperatures in the cold season (Tmin, Dec-Mar) are available beginning in Dec 1898 (126 years). The dataset consists of 1,211 CONU.S. stations designated as United States Historical Climate Network or USHCN stations (see Figure 6.3.2; Quinlan *et al.* 1987, Karl *et al.* 1990). These stations were selected by NOAA as having the fewest problematic issues with gaps, station moves and instrument changes. Where gaps still exist, nearby stations (bias-corrected) were merged so that the median volume of data available for a station is 98%. Although there are certainly errors in the dataset, including unresolved spurious warming due to UHI effects that especially bias Tmin records, this data set is sufficiently accurate for assessing trends in Tmax heat extremes.

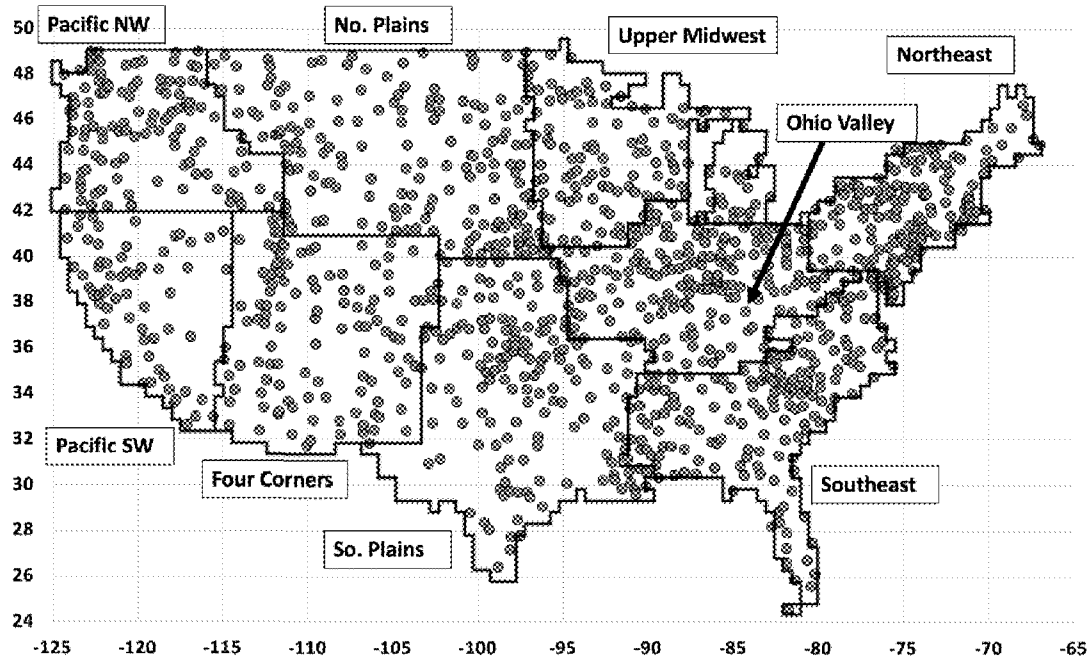


Figure 6.3.2 Locations of USHCN temperature stations. Source: USHCN.

We begin with the question of whether the occurrence of daily record high or low temperatures has changed since Dec 1898. Each warm-season has 153 days (1 May to 30 Sep) and each cold-season has 122 days (1 Dec to 31 Mar). For each station and day, we calculated the year in which the record highest (lowest) temperature occurred. With 126 years of observations, if there were no temperature trends over time, the expected number of records for Tmax would be 1.21 ($=153/126$) per station per year and for Tmin 0.96 ($=122/126$) per station per year.

Figure 6.3.3 shows the observed distribution in time of the occurrence of these extreme events. There is a common feature in many metrics of warm-season extremes in the CONUS - the exceptional heat of the 1920s and especially the 1930s, peaking in 1936. On a per-station average, 60 percent of the Tmax records and 59 percent of the Tmin records occurred in the first half of the period (1899-1961).

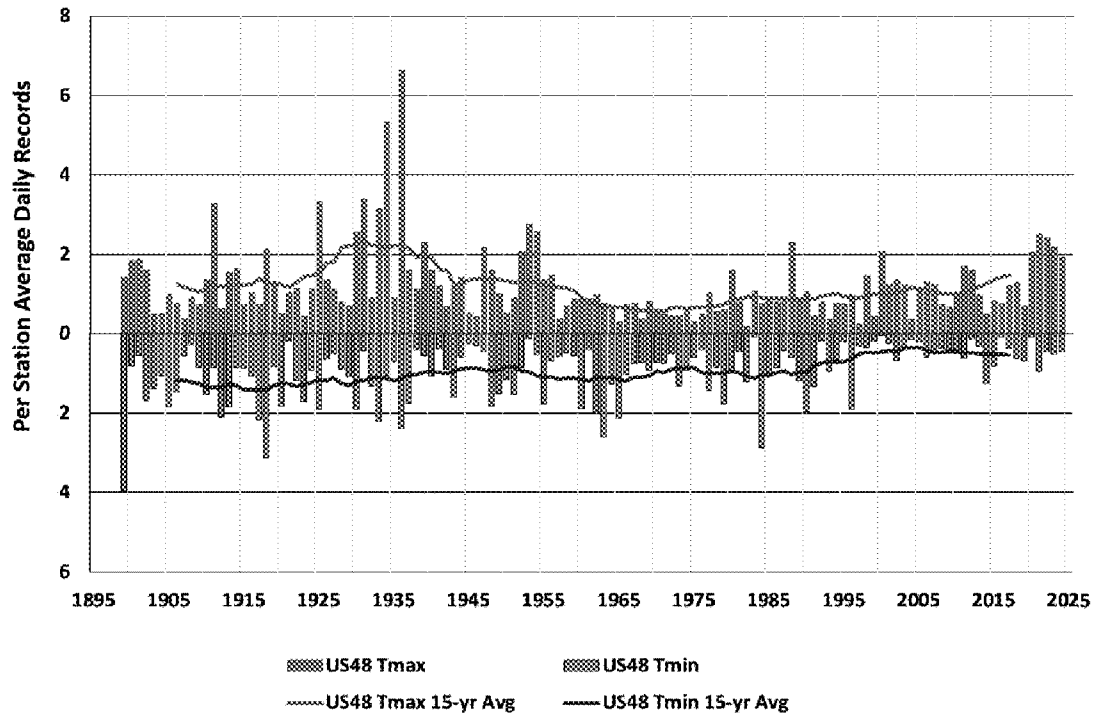


Figure 6.3.3 Number of daily record High (red) and Low (blue) temperatures for warm and cold seasons in the CONUS. The lines represent the 15-year running, centered average. Source: 1,211 USHCN stations supplemented as needed to achieve a minimum of 92 percent of observations in the 126-year period since Dec 1898. US48: contiguous U.S. states. Tmax: maximum temperature. Tmin: minimum temperature.

On the cold side, the Valentine's Day Arctic outbreak in Feb 1899 stands as the most extensive cold extreme experienced by CONUS, with 1917 in 2nd place. The frequency of cold records has declined, especially over the last quarter of the period in which only 13 percent of the extreme cold events were measured. In contrast, 25 percent of the extreme Tmax records were achieved in the last quarter, in accordance with statistical expectations. These general features have been noted in past assessments (see above, IPCC AR6, NCA4). Combining the two records the overall reduction in numbers of both cold and hot extremes over the past century indicates a climate less prone to extremes.

This pattern is also shown in Figure 6.3.4. For each station and for each year the hottest warm season and coldest cold-season temperatures were calculated. Then the differences between these were computed by station and geographically-averaged over all stations, thus yielding an annual measure of the expected range of local extreme temperatures for each year. Figure 6.3.4 shows the 15-year trailing average of this measure, which has clearly declined over the past century.

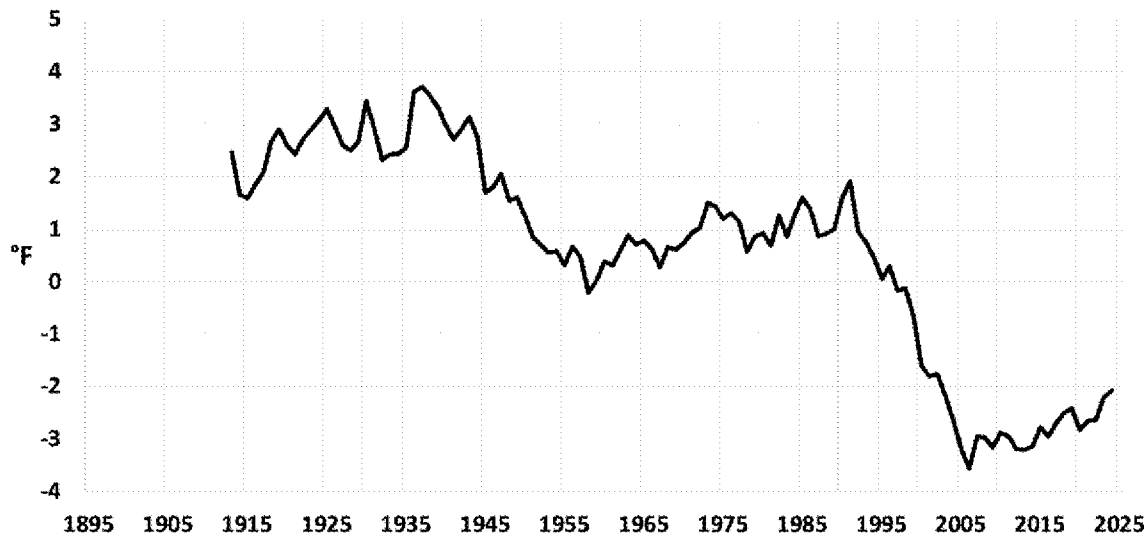


Figure 6.3.4. 15-year trailing average of the difference each year of each station's hottest warm-season Tmax and coldest cold-season Tmin relative to the long-term average. Source: Author analysis of USHCN data.

The average difference for each station between the hottest summer Tmax and coldest winter Tmin has declined by about 5°F in the past 126 years. The decline is due mostly to warmer winter Tmin, but a decline in summer Tmax is also a factor. The rise in Tmin has been strongly related to the growing presence of manufactured surfaces around the weather stations over the last 100+ years (the so-called urban heat island effect; Spencer *et al.* 2025).

In summary, while temperature extremes are regularly experienced in the U.S. and attract a great deal of media attention, long term records show the U.S. climate has become less extreme over time (milder) when measured by the range between warm season maxima and cold season minima.

6.3.2 Exceedances of a heat threshold

Under the heading of “The Risk of Temperature Extremes is Changing”, the most recent U.S. National Climate Assessment report (NCA5) notes the increase in a threshold metric of number of days at or above 95°F, stating,

The western U.S. has been particularly affected by extreme heat since the 1980s ..., experiencing a larger increase in days over 95°F, as would be expected given the greater warming in that region relative to the eastern US. Several major heatwaves have affected the U.S. since 2018, including a record-shattering event in the Pacific Northwest in 2021.

Are the occurrences of 95°F days changing? In a climate as varied as that of CONUS, threshold statistics can be misleading. A region with many stations that have near 95°F Tmax average temperatures in the summer might see large swings in the metric when only small changes in average temperature occur. Elsewhere with stations that either rarely or virtually always achieve 95°F Tmax temperatures, a small change will not have much impact on the results.

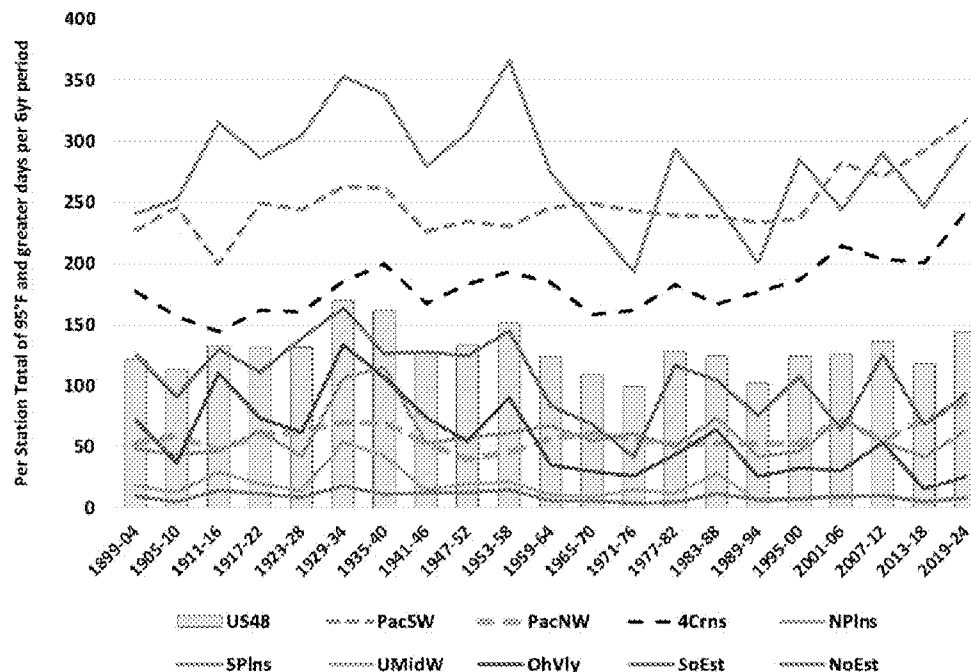


Figure 6.3.5. Total number of days $\geq 95^{\circ}\text{F}$ in 6-yr periods, U.S. 48 (bars) and regions (lines). A 6-year period is used as this evenly divides the 126-year record. US48: contiguous U.S. states. See Figure 6.3.2 for region names. Source: Author analysis of USHCN data.

In the past 126 years, the average CONUS station experienced 129 days exceeding 95°C per 6-yr period, but the regional values range from 278 in the Southern Plains to 9 in the Northeast. Thus, such threshold analyses must be interpreted with caution. Figure 6.3.5 shows that only three of the nine regions, all in the West, have experienced upward trends in the number of 95°F or hotter days (dashed lines). The CONUS as a whole has not, and the other six regions have experienced declines.

The Pacific NW heatwave of 2021 referenced in the NCA5 quote will be examined more closely in Section 8.6.1. The evidence indicates that it was a single, unprecedented event in the record, not part of a pattern of increasing extreme heat. For example, the 5-day average tropospheric grid-point temperature anomaly over the Pacific NW during that event was $+10.8^{\circ}\text{C}$, the most extreme Northern Hemisphere grid point summer anomaly in the 46 years from over 4 million grid values. In contrast, the global temperature anomaly during that time was virtually zero ($+0.03^{\circ}\text{C}$, Mass *et al.* 2024).

The NCA5 heading “The Risk of Temperature Extremes is Changing” suggests pervasive positive trends are now being observed in threshold temperatures, but that is not evident in the figures above.

6.3.3 Heatwaves

Heatwaves (consecutive days that exceed an extreme threshold) have a greater societal impact than a single daily record temperature. We measure “Heatwave Days” here as the count of all days in May-Sep each year that exceed the 90th percentile for that day and that lie within a period of at least six consecutive days. This is equivalent to the method used in NCA4, except that the reference period here is the entire record 1899–2024 while NCA4 truncated the reference period to 1961–1990, which was a cool period. That truncation boosts positive results (days exceeding the 90th percentile) in periods warmer than the reference period, especially starting in 1960 and moving to the present (see *Urban Influences* below).

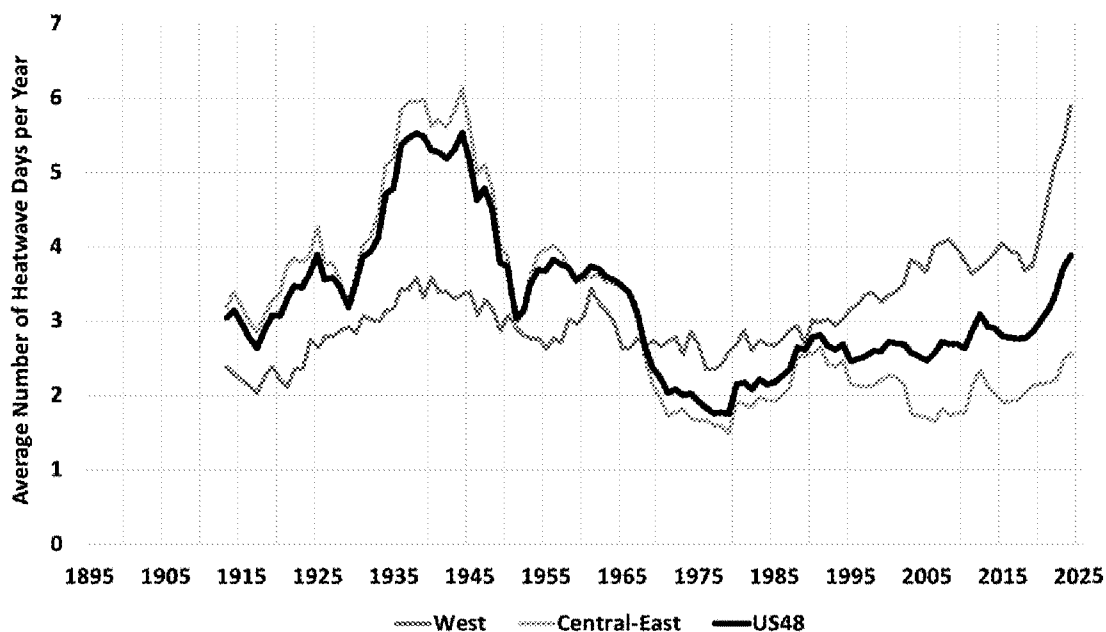


Figure 6.3.6 15-year trailing average of number of heatwave days per year per station in the CONUS (black line) and two regions: West (red), Central-east (green).

Figure 6.3.6 indicates that there are regional variations in heatwave activity. The excessive heat of the first half of the 20th century occurred primarily in the eastern two-thirds of the nation, while the West has seen a recent increase of heatwave days (NCA5). This indicates that the background warm season circulation favored heatwaves in the eastern portions of the country in the first half of the 20th century, but in the 21st century the patterns have favored heatwaves in the West. For CONUS as a whole, heatwaves are no more common today than they were a century ago, consistent with the upper panel of our Figure 6.4.1 taken from NCA4.

This metric varies significantly with region. The four northern regions (Pacific NW, Northern Plains, Upper Midwest, and Northeast) on average experience 15 to 27 heatwave days per 15-year period. In contrast, the five southern regions (Pacific Southwest, 4-Corners, Southern Plains, Ohio Valley and Southeast) see 37 to 54 such days, essentially twice as many. This suggests the summer circulation pattern is more prone to stationary events in the southern regions while transient systems in the northern regions are more common and thus cut short these potentially longer events.

The analysis of heatwaves is an example of why it is important to consider complete datasets and appropriate metrics. The NCA5 directs readers to the website <https://www.globalchange.gov/indicators/heat-waves> (USGCRP 2023) to view a figure showing the number of urban heatwaves by decade from the 1960s, which we reproduce as Figure 6.3.7.

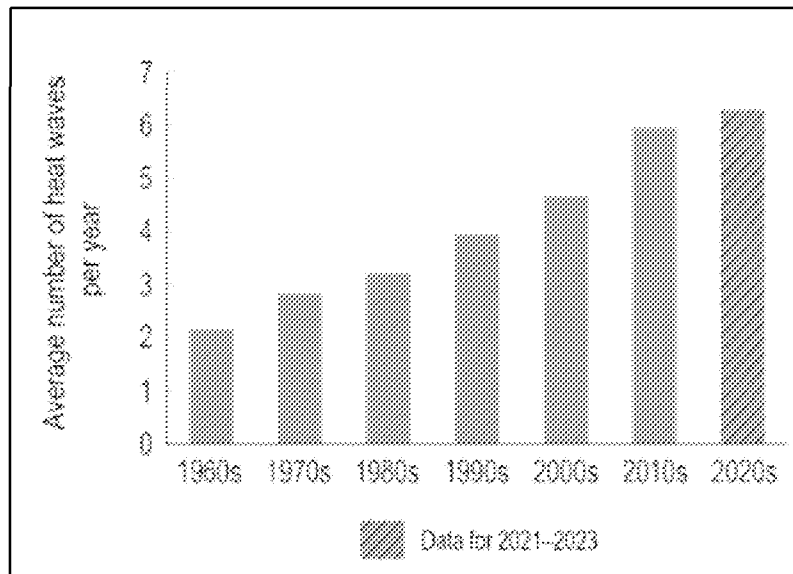


Figure 6.3.7: Average number of urban heatwaves per year for 50 large U.S. metropolitan areas, a misleading metric for reasons explained in the text. From <https://www.globalchange.gov/indicators/heat-waves>

The figure shows a monotonic increase in each decade from 2 occurrences per year in the 1960s to 6 in the 2020s. The definition of a heatwave used is an unusual but practical measure of human discomfort - a period of at least 2 consecutive days when the *minimum* apparent temperature (combination of temperature and humidity) exceeds the 85th percentile. Note too, the dataset is limited to the 50 largest U.S. cities.

Given the unusual heatwave definition and urban focus, these increasing values since 1960 presented in USGCRP (2023) are not informative about long term trends or the influence of GHG emissions for at least two reasons. First, as shown in Figures 6.3.1 and 6.3.6, the 1960s was the coldest decade and 1970s the second coldest decade since the 1910's, so this starting date preconditions the time series to show increases. Second, post-1960 urbanization in these cities is a major factor in the rise of Tmin relative to co-located Tmax and relative to Tmin at nearby rural stations. This does not dismiss the real rise in nighttime temperatures in major U. S. cities and the societal impacts associated with these changes. However, we note for a variety of reasons, that summer Tmax (especially in rural areas) is a better metric for detecting changes in heatwaves influenced by changes in the background climate due, for example, to increasing GHGs (Christy *et al.* 2009). For the CONUS as a whole, the evidence in this section suggests GHG emissions have had little-to-no effect on heatwaves.

6.4 Extreme precipitation

The IPCC AR6 assessed that an increase in heavy precipitation has been observed in data starting in the 1950s.

AR6: The frequency and intensity of **heavy precipitation events have increased** since the 1950s over most land area for which observational data are sufficient for trend analysis (high confidence). (SPM A3.2)

AR6: In North America, there is robust evidence that the **magnitude and intensity of extreme precipitation has *very likely* increased** since the 1950s. Both [one-day maxima] and [5-day maxima] have significantly increased in North America during 1950-2018. (Chapter 11, p. 1560)

The U.S. National Climate Assessments (NCA4, NCA5) have highlighted an increase in the occurrence of the heaviest precipitation events (defined in different ways) primarily in the eastern half of the CONUS, especially the Northeast, when starting the analysis in either 1901 or 1958. Interestingly, the regional variations indicate that the largest increases in extreme precipitation events are in the Northeast and the smallest in the West, a pattern counter to the changes in temperature extremes.

McKittrick and Christy (2019) examined long-term and consistent station observations of extreme daily precipitation to test some of these NCA claims for the Southeast and West Coast using a trend model with a non-parametric variance estimator robust to the complex autocorrelation properties of precipitation data. When the time series were extended back in time (as far as 1872 in some cases) or when starting later (1978), there were no significant trends for either region.

These findings have been updated for this report (McKittrick and Christy 2025) with similarly constructed observations from 29 stations on the CONUS Pacific Coast (1893ff from San Diego CA to Blaine WA) and 24 stations in the humid Southeast (1872ff from Austin TX to Washington DC), also adding 27 stations in the Northeast (1888ff from Buffalo NY to Eastport ME). The locations are shown in Figure 6.4.1. The stations were selected based on availability of long-term high-quality records. The regions are each associated with important features of extreme precipitation behavior: the Pacific coast is associated with landfalling atmospheric rivers for which AR6 cites evidence of increasing activity since 1948 with further increases expected as the world warms (AR6 8.3.2.8.2); the NCA report indicates that the Northeast has experienced the greatest increase in extreme events, and the Southeast is also a place noted in the NCAs as having increased extreme events.

The results of applying the analysis of McKittrick and Christy (2019) were as follows for each region, then followed by further explanation.

Pacific Coast heavy rainfall events

- The average precipitation trend is statistically significant (downwards) in Astoria OR; insignificant elsewhere.
- The trend in rainfall variance is positive and significant in Big Sur CA; insignificant elsewhere.
- The trend in daily maximum precipitation is positive and significant in Aberdeen WA and Big Sur CA and negative and significant in Newport OR (insignificant elsewhere).
- Averaged over all stations in the region, none of these three trend parameters is statistically significant.

The Pacific Coast receives considerable precipitation from Atmospheric River (AR) events which often last more than a day or two (e.g., Gershunov *et al.* 2017, Pan *et al.* 2024). The worst series of such events in recent history was the so-called ARkStorm that occurred between December 1861 and January 1862; it dumped nearly 10 feet of rain in parts of California and submerged the entire Central Valley for weeks under as much as 15 feet of water (Brewer 1930, Null and Hulbert 2007). Additionally, Paleoclimate research has found six megastorms more severe than 1861–1862 in California during the last 1800 years, occurring at intervals of 300 years or so (Porter *et al.* 2011).

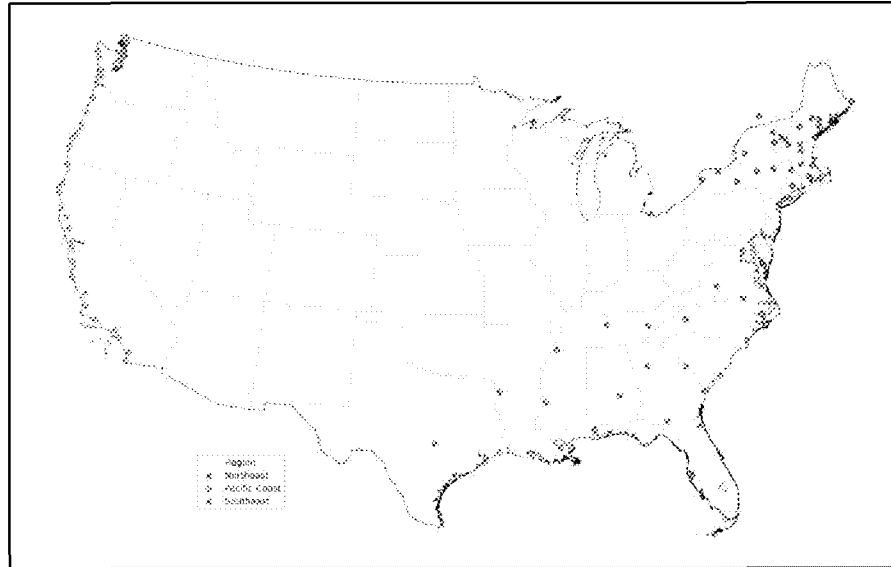


Figure 6.4.1: Locations of precipitation monitoring stations used in this report. Orange: Pacific coast. Blue: Northeast. Green: Southeast.

We examine occurrences of 5-day deluges as follows. Taking the Pacific coast as an example, a 130-year span contains 26 5-year intervals. At each location we computed the 5-day precipitation totals throughout the year and selected the 26 highest values across the sample. A single year may have more than one of the 26 heaviest. Each of those can be thought of as 1-in-5yr events. If there are no trends in precipitation, then the total number of these events across all stations should be evenly spread out over the years. In Fig. 6.4.2 we show the distribution in time of these events for the Pacific coast. The deluges associated with the massive 1997-98 El Niño event are readily apparent. While erratic, as is typical of such precipitation metrics, there is no indication of a tendency to become more frequent over time.

Southeast heavy rainfall events

- The trend in average precipitation is positive and statistically significant in Mobile AL and Quitman GA but insignificant elsewhere.
- The trend in rainfall variance is positive and significant in Mobile AL but insignificant elsewhere.
- The trend in daily maximum precipitation is positive and significant in Vicksburg MS and Norfolk VA but insignificant elsewhere.
- Averaged over all stations in the region none of these three trend parameters is statistically significant

Figure 6.4.3 shows the same calculation for the last 150 years in the Southeast humid zone. The temporal pattern of 5-day totals of the 1-in-5yr heavy events is generally unremarkable, though a cluster of higher values appears in 1995 to 2019. The increase in those years is due largely to the 4 northeastern-most stations of Wilmington NC, Weldon NC, Washington DC, and Norfolk VA. This confirms the pattern indicated in NCA4 and NCA5 -- an increasing frequency of heavy events due to a temporal clustering of tropical storms from eastern NC to Maine discussed below. Otherwise, the remaining 20 stations show an unremarkable temporal distribution of heavy events.

BOX: Perils of short data records

San Francisco provides a good case study of the limitation of using short historical samples to characterize natural variability of extreme events. Suppose we use a 130-year sample of daily San Francisco precipitation from 1895 to 2024 and we look for 3-day, 5-day, 14-day and 30-day rainfall records. The results are as shown in Table 7.2.

Event	Record (inches)	Year
3-day	6.94	2023
5-day	8.55	2023
14-day	12.62	2023
30-day	18.93	1998

Table 6.2: Extreme rainfall records, San Francisco, 1895-2024.

The records all cluster in the more recent years. 2023 appears to be an exceptional year and since it is near the end of the sample, it might suggest that the climate has shifted into a more hazardous state, perhaps because of human influences. Note: “2023” indicates the event occurred in the water-year of Aug 2022 to Jul 2023.

But the picture is very different if we use a sample that begins 45 years earlier, in 1850. Table 6.3 shows that the record-setting events all happened in the 1860s. Furthermore 2023 is now not even in 2nd place but falls to 3rd or 4th place. And comparing the records of the two charts shows the extreme precipitation events in 1862 and 1867 involved considerably more rainfall than the 1998 and 2023 events, with 14- and 30-day totals about 50 percent higher.

Event	Record (inches)	Year	Rank of 130-yr extreme listed in Table 6.2
3-day	8.85	1867	3
5-day	9.80	1867	3
14-day	19.05	1862	4
30-day	28.25	1862	2

Table 6.3: Extreme rainfall records, San Francisco, 1850-2024.

The range of natural variability is made even more remarkable when paleoclimate evidence is examined. Porter et al. (2011) discovered that in the past 1,800 years at least six megastorms were more intense than the devastating 1861-62 ARkStorm that struck the region. Evidently such extreme events, “unprecedented” in our 1895-2024 sample, have impacted the region about every 300 years, though not since 1895.

This example illustrates the limitations of using relatively short climate periods (~130 years) to assess the character and range of natural variability in general and of extreme events in particular. Accurate representation of the full range of natural variability is necessary for any attribution analyses (see 8.6). Infrastructure planners, emergency management institutions and attribution scientists would understand the significant mischaracterization of the magnitude of a future extreme if based only on the last 130 years. In this case, a single time-sample of 130 years provides an underestimation of the extreme value by up to 50 percent determined when adding only 45 more years of observations. Compared to millennial-scale paleoclimate evidence, an even greater underestimation would occur. An important lesson is that the climate can deliver great surprises on its own, even without human influences.

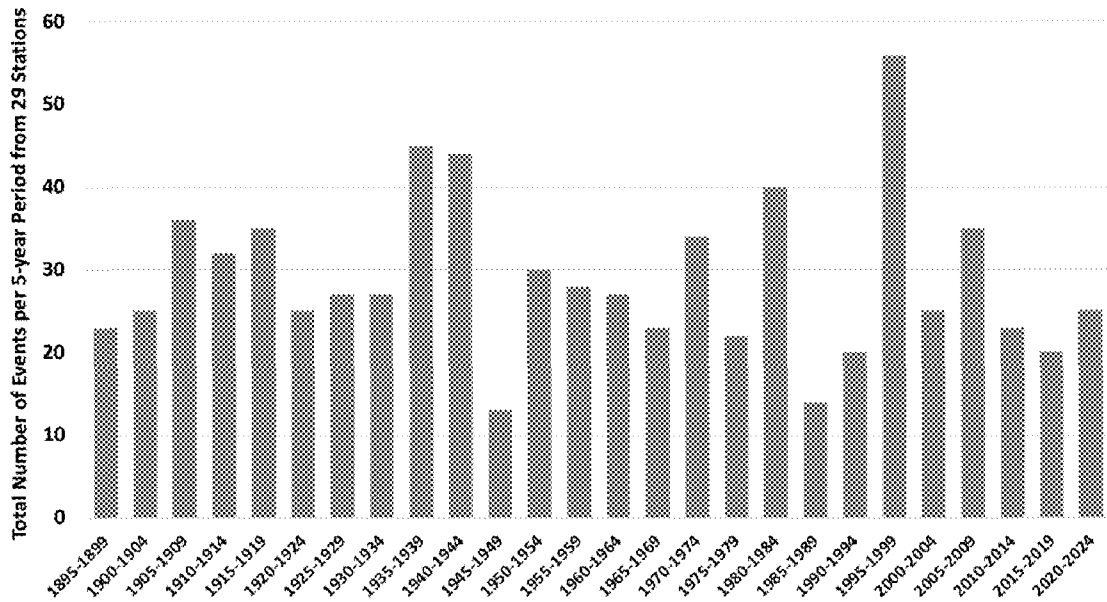


Figure 6.4.2. The time distribution by 5-year periods of the 26 heaviest (1-in-5 yr) occurrences for 29 stations on the Pacific coast.

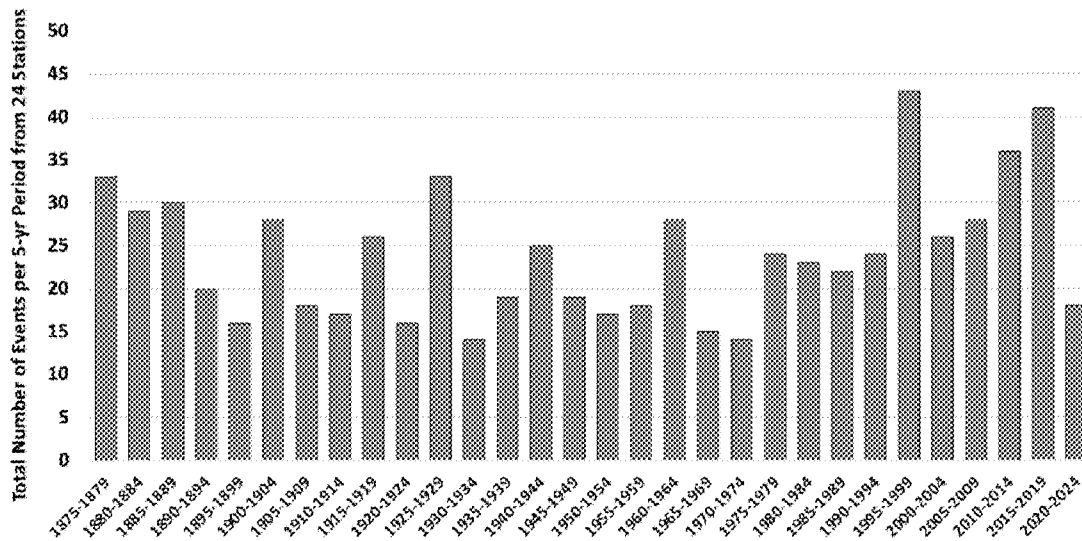


Figure 6.4.3. As in Fig. 6.4.2 but for the heaviest 30 (1-in-5yr) events for 24 stations in the humid Southeast from Austin TX to Washington DC in 5-year bins for 1875-2024.

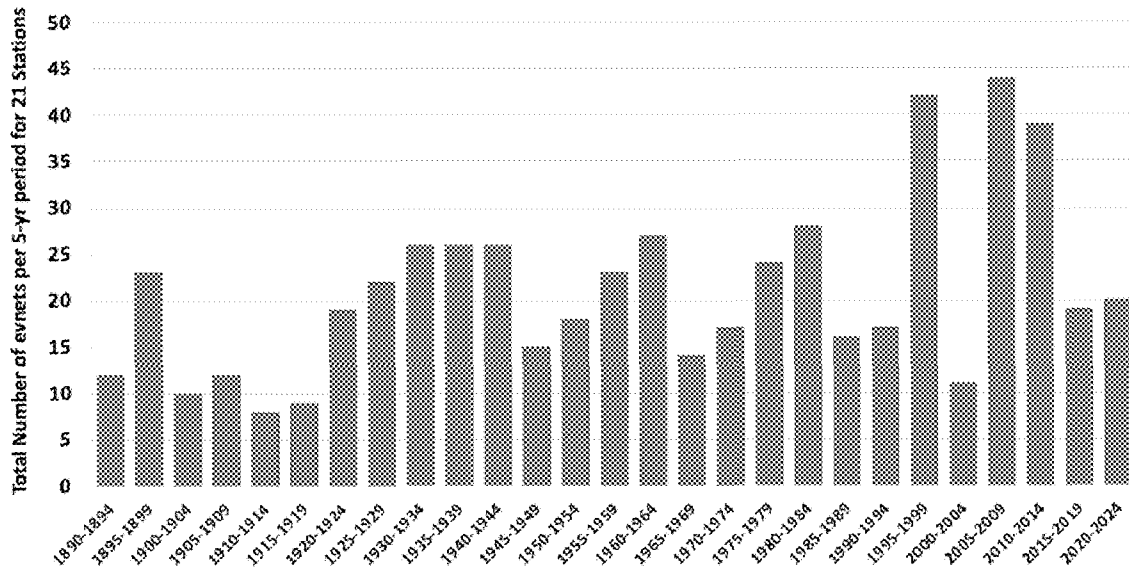


Figure 6.4.4. As in Fig. 6.4.2 but for the heaviest 27 (1-in-5yr) 3-day precipitation events for 27 Northeast stations from NY to ME, including Montreal.

Northeast heavy rainfall events

- The trend in average precipitation is positive and statistically significant in 12 of 27 locations and also in the regional average.
- The trend in rainfall variance is positive and significant in Portland ME, Albany NY, Buffalo NY and Eastport ME but insignificant elsewhere.
- The trend in daily maximum precipitation is positive and significant in Portland ME, Gardiner ME and Eastport ME but insignificant elsewhere.
- When averaged over all stations in the region, there is no statistically significant trend in either the precipitation variance or maximum

Fig. 6.4.4 shows the same calculation for the last 135 years in 27 stations in the Northeast (including Montreal Canada). We use 3-day totals here as this produced the largest temporal variations in time. In this region, 72 percent of events occur during June to October and are dominated by incursions of hurricanes, tropical storms, or tropical storms that transition to extratropical systems. According to NCA4 and NCA5 this region experienced the largest increases in extreme events, so it merits a closer examination.

There is a noticeable clustering of extreme events from 1995 to 2014. Howarth et al. (2019) examined a similar region as in Fig. 6.5.5 that includes PA and NJ and reported significant differences in various precipitation extremes between two 18-year periods, 1979-96 and 1997-2014. That included a 317 percent increase in 24-hr events exceeding 6 inches, while we find a 51 percent increase over the same years. However, Figure 6.5.5 shows that frequency drops sharply after 2014, returning to the long-term average in the subsequent 5-year intervals, again illustrating the perils of drawing conclusions from short-term trends in highly variable metrics.

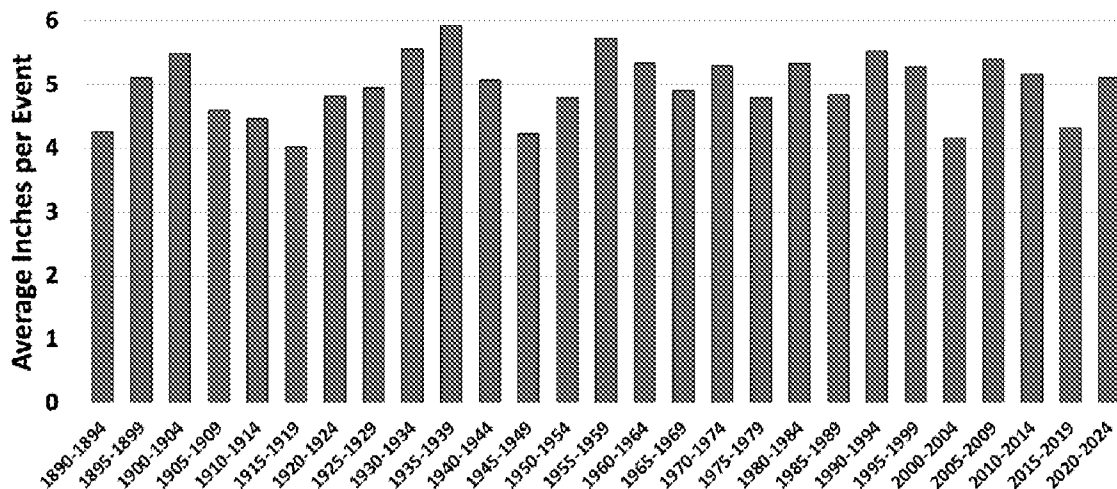


Figure 6.4.5. Average amount of precipitation falling in the 1-in-5yr events for the NE stations.

The high percentage increase in the Howarth *et al.* sample is associated with small numbers at relatively few locations: there were only 6 in the first period and 25 in the second across 58 stations. Most of the stations did not record such an event. If there is a region-wide increase in heavy events, it should be seen in the average across all stations. Figure 6.4.5 shows the average precipitation in the 1-in-5 yr events across the NE. The trend is only +0.02 inches/decade. The highest amount, 1935-39, includes the Great New England Hurricane of 1938, one of the rare major (Category 3 or higher) hurricanes to strike the region. The results in Figs. 6.4.4 and 6.4.5 thus suggest that though there was a surge in the number of events at a few locations during the 1995 to 2014 interval, there was no regional pattern and the change did not persist beyond 2014.

Jong *et al.* (2024) document the increase of tropical influences on precipitation events in the Northeast since 1959 and concluded, “The autumn extreme precipitation trend over the Northeast U.S. is primarily attributed to tropical cyclone-related events since the 1990s.” The question then becomes: was the temporal clustering of tropical systems in 1997-2014 which affected the Northeast a response to increasing GHGs? Jong *et al.* examined CMIP-6 model output which suggests that there will be fewer such systems in the 21st century but that the intensity of the rainfall events might increase. This conjecture is not seen in Fig. 6.4.5 where the amount-per-event has remained steady over the 135-year period.

There is some evidence to indicate the heaviest rainfall events may be redistributed due to the impact of urban infrastructure on the local weather (e.g., Pielke Sr. et al. 2011, Zhang et al. 2018, Yang et al. 2024). Yang et al. state “Cities that experience compact development tend to witness larger increases in extreme rainfall frequency over downtown than their rural surroundings, while the anomalies in extreme rainfall frequency diminish for cities with dispersed development.” While this is an important insight to consider, the effect on the specific stations used in this analysis is unknown, or at least not detectable in Fig. 6.4.5.

In summary, some U.S. regions show short-duration increases in extreme precipitation events, consistent with natural variability. But analysis of long term, nationwide historical records that considers the autocorrelation properties of precipitation data does not support the claim that extreme short-duration rainfall events are becoming more frequent or intense.

6.5 Tornadoes

AR6 assesses tornado trends in the U.S. as follows:

[O]bservational trends in tornadoes, hail, and lightning associated with severe convective storms are not robustly detected due to insufficient coverage of the long-term observations. There is *medium confidence* that the mean annual number of tornadoes in the USA has remained relatively constant. (Chapter 11, section 11.7.3, p. 1594)

The monitoring of weak tornadoes has changed over time. The growth of rural populations and the increasing ability to take video with hand-held devices has led to more frequent reports of weak tornadoes that produce minimal damage. In contrast, strong to violent tornadoes have been observed more consistently over time. Note that tornado strength is measured by the damage it produces, not by the visual appearance of the funnel. Limited real-time observational capabilities in earlier decades did not prevent identification because strong to violent tornadoes leave much more damage which will be assessed later even if the tornado itself was not observed. Since statistics began in 1950, there has been a substantial decrease (by about 50%) in the number of strong to violent tornadoes as shown in Fig. 6.6.1a.

To summarize, there is a noticeable downward trend in the number of severe tornadoes in the U.S. since 1950. After 1990 the number of weak tornadoes in the U.S. has remained roughly constant; data before that are incomplete due to limited monitoring.

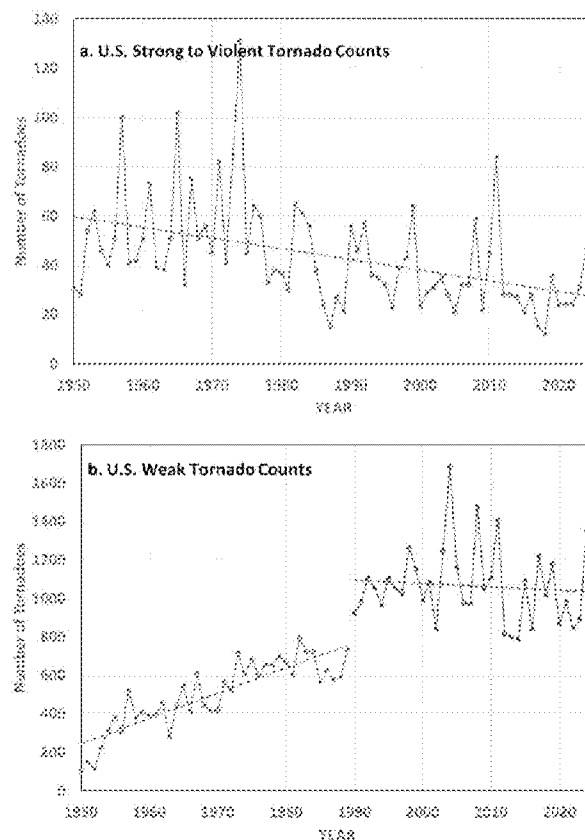


Figure 6.5.1. Annual U.S. tornado counts for (a) strong to violent tornadoes (EF3 to EF5), and (b) weak tornadoes (EF0 to EF2). Based upon NOAA Storms Prediction Center data, available at https://www.spc.noaa.gov/wcm/data/1950-2024_actual_tornadoes.csv

6.6 Flooding

Changes in floods were assessed as follows:

AR6: The SREX assessed *low confidence* for observed changes in the magnitude or frequency of floods at the global scale. This assessment was confirmed by the AR5 report. The SR15 found increases in flood frequency and extreme streamflow in some regions, but decreases in other regions. . . [H]ydrological literature on observed flood changes is heterogeneous, focusing at regional and sub-regional basin scales, making it difficult to synthesise at the global and sometimes regional scales. (Chapter 11.5)

AR6: [T]he seasonality of floods has changed in cold regions where snowmelt dominates the flow regime in response to warming (*high confidence*). Confidence about peak flow trends over past decades on the global scale is *low*. (Chapter 11.5)

NCA4: Trends in extreme high values of streamflow are **mixed** across the United States. Analysis of 200 U.S. stream gauges indicates areas of both increasing and decreasing flooding magnitude **but does not provide robust evidence** that these trends are attributable to human influences (pp. 240-241)

The absence of detectable US-wide trends in flooding is consistent with the findings in Section 6.4 of absence of coherent changes in extreme precipitation.

6.7 Droughts

Assessments of drought trends were as follows.

AR6: Few AR6 regions show observed increases in meteorological drought (Section 11.9, p. 1575),

AR6: Increasing trends in agricultural and ecological droughts have been observed on all continents (*medium confidence*), but decreases only in one AR6 region (*medium confidence*). Increasing trends in hydrological droughts have been observed in a few AR6 regions. (Chapter 11 Summary)

NCA4: As a consequence of this increased precipitation, **drought statistics over the entire CONUS have declined**. (p. 233)

NCA4: Recent droughts and associated heat waves have reached record intensity in some regions of the United States; however, by geographical scale and duration, the Dust Bowl era of the **1930s remains the benchmark** drought and extreme heat event in the historical record (very high confidence). (p.231)

SREX: From a paleoclimate perspective, **recent droughts are not unprecedented**, with severe ‘megadroughts’ reported in the paleoclimatic record for Europe, North America, and Australia. (p. 170)

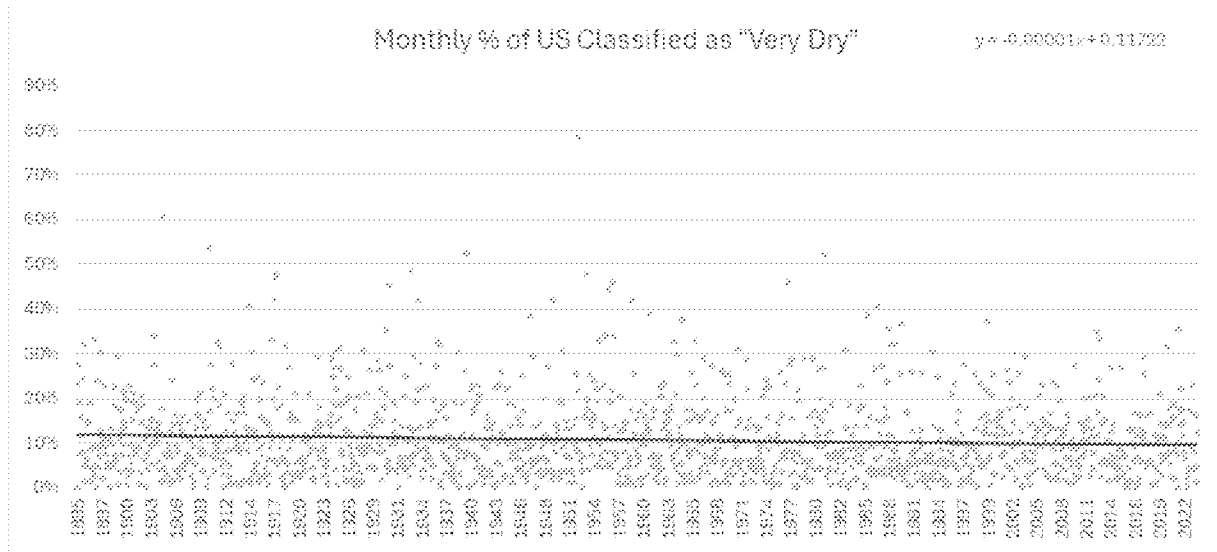


Figure 6.7.1: U.S. dryness (%) 1895—2023. Source: NOAA
<https://www.ncei.noaa.gov/access/monitoring/uspa/wet-dry/0>

As shown in Figure 6.7.1, U.S. long-term data shows an insignificantly declining trend in extreme dryness (-0.001 percent per year)

Kogan *et al.* (2020) examines a 38-year high-resolution satellite-based drought measure and concludes that global drought has not intensified and is not connected to climate change: “it is possible to state firmly that global and main grain countries’ drought area and intensity trends have not been following global climate warming since 1980’s.”

In summary there is no evidence of increasing drought frequency or intensity in the U.S. or globally over recent decades.

6.8 Wildfires

The IPCC has not provided an assessment of wildfires. As shown in Figure 6.8.1, global wildfire activity as measured by European Space Agency shows a downward trend in the 21st century.

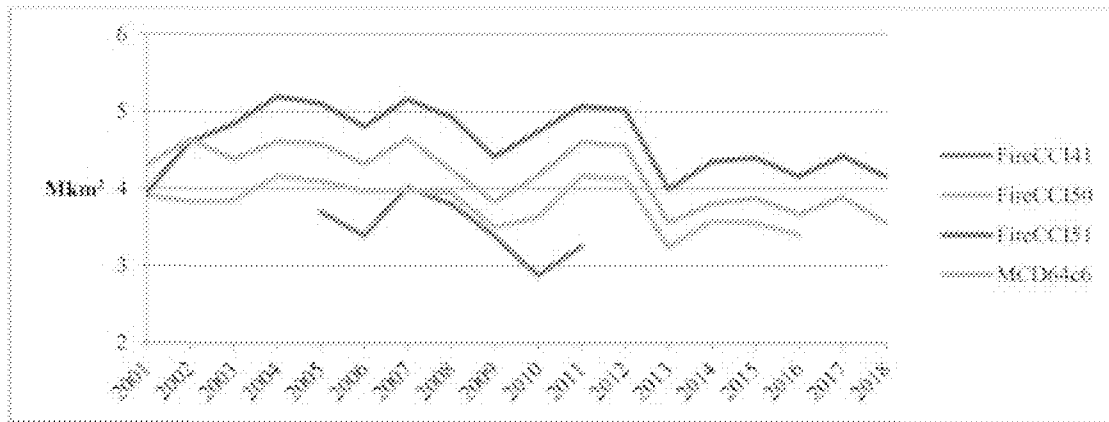


Figure 6.8.1: Global wildfire area 2001-2018. Source: From Lizundia-Loiola *et al.* (2021). The different coloured lines represent data products derived from different satellites and algorithms

Global data show that wildfire coverage is constant or declining on every continent (Samborska and Ritchie, 2024).

Active fire suppression since 1900 makes it difficult to establish a natural baseline for wildfire activity in the U.S. Paleoclimatic evidence indicates that past activity was much higher than today. Marlon *et al.* (2012) used sedimentary charcoal layers to reconstruct fire history of western U.S. for the past 1400 years and also fit a model to predict fire activity as a function of climatic conditions. Their results are summarized in Figure 6.8.2 below (from Figure 2 in their paper). There has been a growing wildfire deficit over the 20th century. In other words, however much fire was observed in the 20th century, it was less than what would have been observed in previous centuries based on the climatic conditions. Parks *et al.* (2025) likewise find that despite the recent increase in wildfire burn area in North America, a significant wildfire deficit remains relative to historical wildfire regimes.

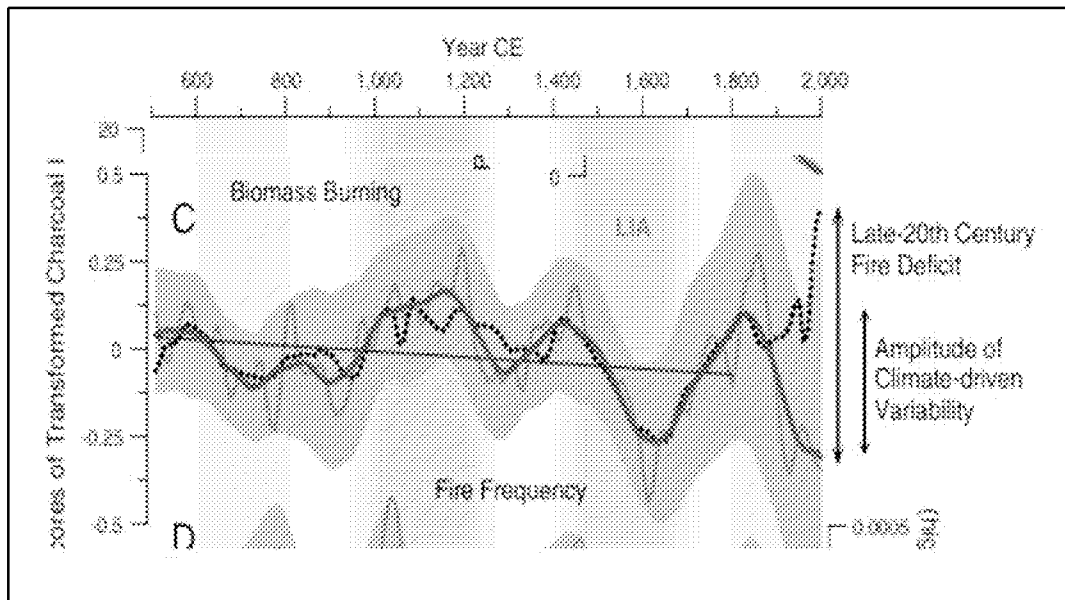


Figure 6.8.2 Fire frequency and fire deficit in the US. The red line shows the smoothed charcoal record and the black dotted line shows the predicted charcoal record based on climatic conditions. Source: Marlon *et al.* (2012)

U.S. data from the National Interagency Fire Centre (NIFC) from 1926 to 2023 are shown in Figure 6.8.3. The NIFC has removed the pre-1960 data from its current website on the grounds that measurement methods changed after 1960 making the comparison unreliable. Nonetheless just focusing on the post-1985 interval the number of fires is not increasing. The area burned did increase but only until about 2007.

Forest fires have always been a part of nature, and they can certainly create conditions that are inhospitable in the short term for all life, including humans. Science has confirmed the overall benefit and necessity of forest fires. While recent high-profile fires and seasons serve as a reminder of the potential destructive impact, the highest profile U.S. forest fire remains the 1910 Big Blowup fire, which destroyed over three million acres and eliminated entire towns like Taft, MT (Apple, 2020). The 1910 fire reshaped the U.S. Forest Service (National Forest Foundation 2022) leading to a focus on fire suppression with a primary goal of defeating all forest fires (Forest History Society, 2022). This led to the “10 am rule” in 1935 requiring that all fires spotted on any day had to be controlled by 10 am the following day (National Forest Foundation, 2022).

While defeating all fires seemed a noble goal, questions began to arise as to whether this behavior “followed the science” (U.S. Forest Service, 2022). Over time the U.S. Forest Service has begun to rethink its goals, recognizing that new approaches such as prescribed burns, fuel elimination, and controlled wildfires are more appropriate (Sommer, 2016). Recent research is validating this approach and recognizing that more frequent smaller fires likely result in healthier forests, water ecosystems and biodiversity (Stephens *et al.*, 2021).

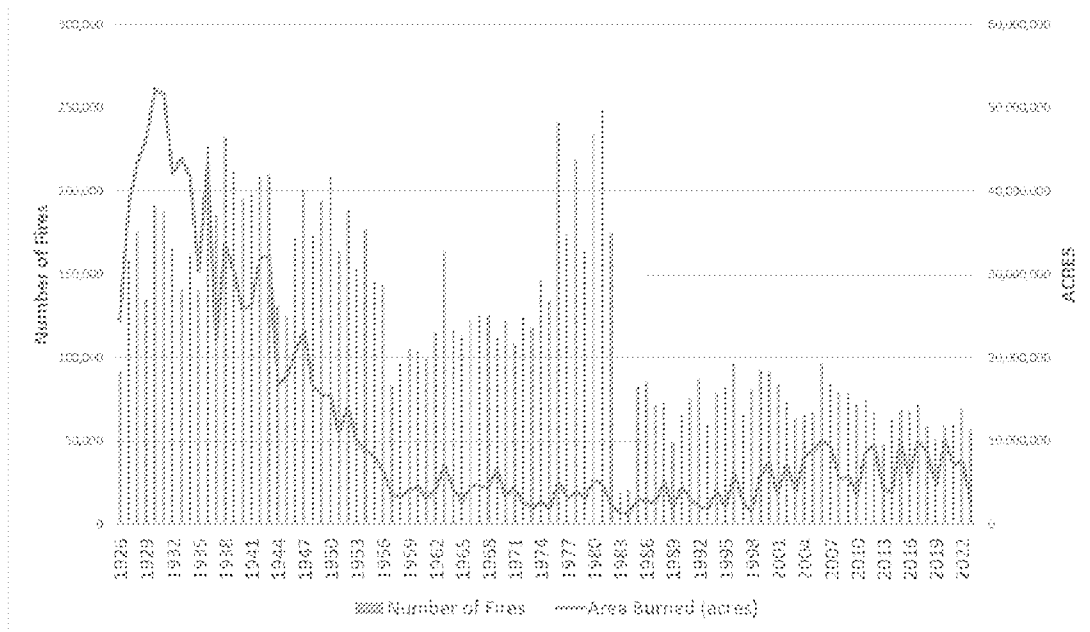


Figure 6.8.3: U.S. wildfires 1926 to 2023. Source: Post-2018: National InterAgency Fire Center data Pre-2017 webarchive.org.

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7 CHANGES IN SEA LEVEL

Chapter Summary

Since 1900, global average sea level has risen by about 8 inches. Sea level change along U.S. coasts is highly variable, associated with local variations in processes that contribute to sinking and also with ocean circulation patterns. The largest sea level rise along U.S. coasts are Galveston, New Orleans, and the Chesapeake Bay regions - each of these locations is associated with substantial local land sinking (subsidence) unrelated to climate change.

Extreme projections of global sea level rise are associated with an implausible extreme emissions scenario and inclusion of poorly understood processes associated with hypothetical ice sheet instabilities. In evaluating the IPCC AR6 projections to 2050 (with reference to the baseline period 1995–2014), almost half of the sea level rise has already occurred by 2025 and at a lower rate than predicted. U.S. tide gauge measurements shown herein reveal no obvious acceleration beyond the historical average rate of sea level rise.

7.1 Global sea level rise

Global sea level rise is arguably the most important climate impact driver that is unambiguously associated with increasing temperatures. At the global level, warming raises sea level through thermal expansion of sea water and through melting of glaciers and ice sheets. Variations in land water storage are another important factor. At the regional scale, sea level change is influenced by large-scale ocean circulation patterns, and geologic processes and deformation from the redistribution of ice and water. Locally, vertical land motion from geologic processes, ground water withdrawal, and fossil fuel extraction are also important.

The IPCC AR6 estimates that global mean sea level increased by 7.9 (5.9–9.8) inches between 1901 and 2018, with the rate of sea level rise accelerating in recent decades. At the ocean basin scale, sea levels have risen fastest in the Western Pacific and slowest in the Eastern Pacific over the period 1993–2018 (Fox-Kemper *et al.*, 2021). The rate of global sea level rise is estimated to be 0.12 inches/year (about the height of two stacked pennies) (NASA, 2020).

The observing systems for global sea level rise have advanced significantly in the satellite era, particularly with the advent of satellite altimeters in 1993. Local tide gauges have provided useful data for the past century, and even longer for a few locations. Following the end of the Little Ice Age in the mid-nineteenth century, tide gauges show that the global mean sea level began rising during the period 1820–1860, well before most anthropogenic greenhouse gas emissions.

7.2 U.S. sea level rise

Observed and predicted rates of mean global sea level rise might have little scientific relevance for specific locations, owing to local processes (NOAA, 2025). Figure 7.1 shows that in Canada and Alaska (and also northern Washington), sea level is decreasing, owing to uplift from glacial rebound. Most of the Pacific coast tide gauges show rises between 0.12 inches/year, while largest U.S. rates are on the Gulf coast (Louisiana and Texas) and in the mid-Atlantic states (Chesapeake Bay region).

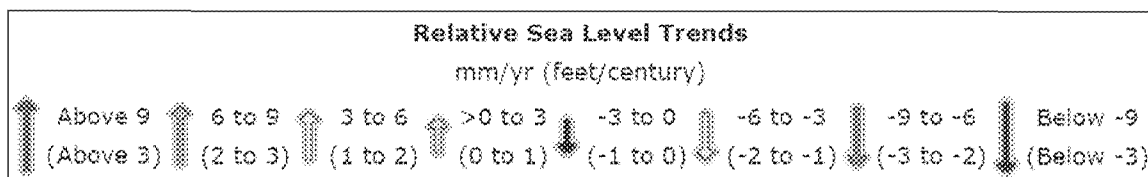
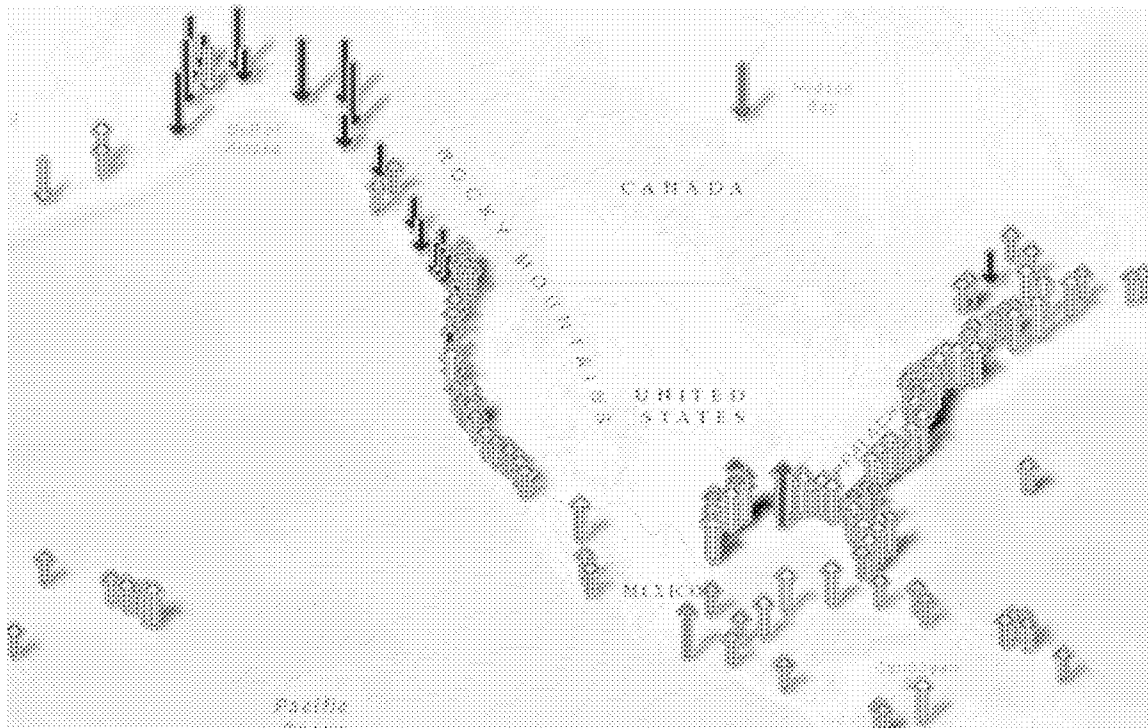


Figure 7.1. Map of rates of relative sea level rise along the U.S. coast (NOAA, <https://tidesandcurrents.noaa.gov/sltrends/>). For reference, 3 mm = 0.12 in.

Measurements of relative sea level rise from tide gauges conflate the climatologically relevant increase in the volume of seawater with local vertical land motion. The latter, which varies from place to place, is best measured using a Global Positioning System (GPS) station located near the tide gauge. It is driven by a range of processes that can be comparable to the climate signal and can locally exacerbate (subsidence/sinking) or mitigate (uplift) the risk of sea level rise (Wöppelmann and Marcos, 2016). Human activities triggering subsidence are often significant. They include soil drainage (e.g. for urban development purposes) and subsurface extraction of groundwater or hydrocarbons.

Table 7.1 shows absolute sea-level rise (ASLR) for selected locations, determined from the sum of uncorrected sea-level rise as estimated from tide gauge time series (RSLR) (NOAA, 2025) and the vertical land motion (VLM) measurements (NAS, 2012; Letetrel *et al.*, 2015; Karegar *et al.*, 2016). The absolute sea level rise for each of these locations is significantly smaller than the measured relative sea level rise owing to local subsidence. More than half of the measured relative sea level rise is attributed to land sinking for these locations: San Francisco, Galveston, Grand Isle. For reference, the global average rate of absolute sea level rise is estimated to be 0.12 inches/year.

Location	RSLR	VLM	ASLR
San Francisco, CA	+0.08	-0.06	+0.02
Galveston, TX	+0.26	-0.19	+0.07
Grand Isle, LA	+0.36	-0.28	+0.08
St Petersburg, FL	+0.12	-0.02	+0.10
New York City, NY	+0.11	-0.05	+0.06

Table 7.1 Absolute sea level rise (inches/year) consisting of Relative Sea Level Rise (RSLR) plus Vertical Land Motion (VLM)

San Francisco Bay

Over the past 100 years, relative sea level in the San Francisco Bay area has risen by 7.8 inches, at an average rate of 0.08 inches/year (Figure 7.2). As shown in Table 7.1, San Francisco's vertical land motion is -0.06 inches/year (sinking), producing a recent absolute rate of +0.02 inches/year. Portions of Treasure Island, San Francisco International Airport, and Foster City are sinking as fast as 0.4 inches/year (Shirzaei and Bürgmann, 2018). Problems in the San Francisco Bay area, including threats to the airport, are caused primarily by soil compaction in landfill zones that were formerly wetlands, not by the slow creep of global sea level rise.

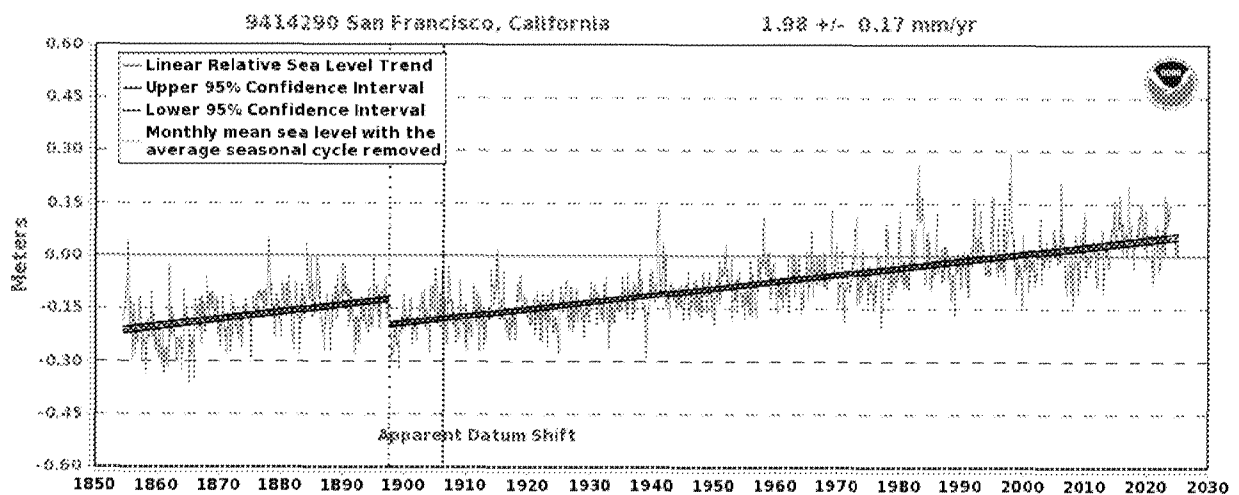


Figure 7.2. Tide gauge measurements at San Francisco, California, obtained from NOAA - https://tidesandcurrents.noaa.gov/sltrends/sltrends_station.shtml?id=9414290 (downloaded 4/22/25).

Galveston - Houston

Long-term tide measurements at Galveston Pier 21 show sea level rise of 2.18 feet in the past century, or a rate of 0.26 inches/year (Figure 7.3). Vertical land motion (subsidence) at Galveston is estimated at -0.19 inches/year, yielding an absolute rate of rise of +0.07 inches/year (Table 7.1). The U.S. Geologic Survey found that most of the land-surface subsidence in the Houston-Galveston region is a direct result of groundwater withdrawals (Kasmarek and Ramage 2017), which caused compaction of the aquifer sediments, mostly in the fine-grained silt and clay layers. By 1979, as much as 10 feet of subsidence had occurred in Houston.

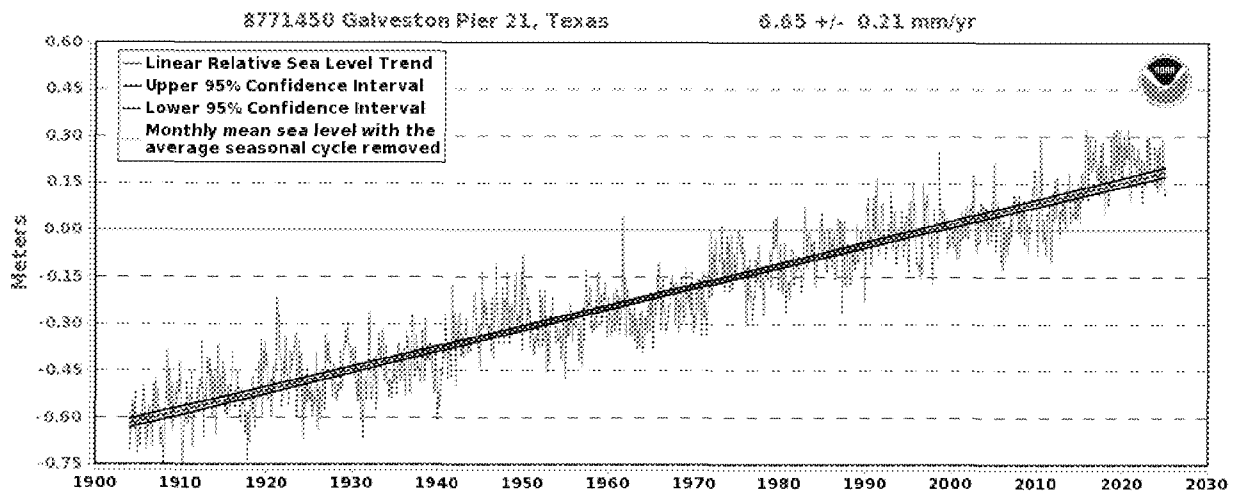


Figure 7.3. Tide gauge measurements Galveston Pier, TX, obtained from NOAA - https://tidesandcurrents.noaa.gov/sltrends/sltrends_station.shtml?id=8771450 (downloaded 4/22/2025).

New Orleans and the Mississippi delta

Long-term tide gauge measurements at Grand Isle, Louisiana, show that sea level has risen by slightly more than 3 feet over the last 100 years at an average rate of 0.36 inches/year (Figure 7.4). Vertical land motion (subsidence) is estimated -0.28 inches/year. Table 7.1 gives the absolute sea level rise as +0.08 inches/year.

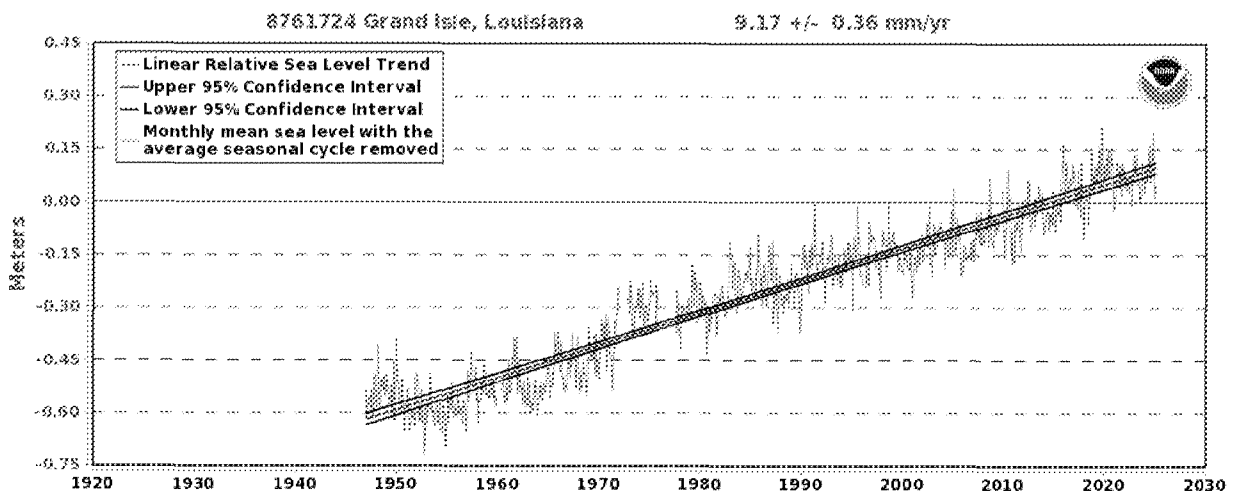


Figure 7.4. Tide gauge measurements at Grand Isle, LA, obtained from NOAA - https://tidesandcurrents.noaa.gov/sltrends/sltrends_station.shtml?id=8761724 (downloaded 4/22/25).

The issues of sea level rise and land loss in the Mississippi Delta region are complex, with geological subsidence and the decline in sediment transported by the Mississippi river being the dominant drivers. The construction of dams in the basin since the 1950s has decreased the Mississippi’s suspended sediment load by ~50 percent (Maloney 2018). A new subsidence map of coastal Louisiana finds the coastal region to be sinking at about one third of an inch per year (Neinhuis *et al.* 2017), associated with groundwater and resource withdrawal. As the city’s elevation averages one to two feet *below* sea level, sea level rise from anthropogenic warming is hardly the dominant driver of New Orleans’ problems.

New York City

New York City is particularly vulnerable to the effects of sea level rise because it is built primarily on islands and has 520 miles of coastline. Measurements by a tide gauge at the southern tip of Manhattan (The Battery) show that relative sea level has risen over 11 inches over the past century, at an average rate of 0.11 inches/year (Figure 7.5). But vertical land motion in the New York City area is -0.05 inches/year (roughly 5 inches per century), so that the absolute rate of sea level rise at The Battery is 0.06 inches/year, or about 55 percent of the measured relative sea level rise.

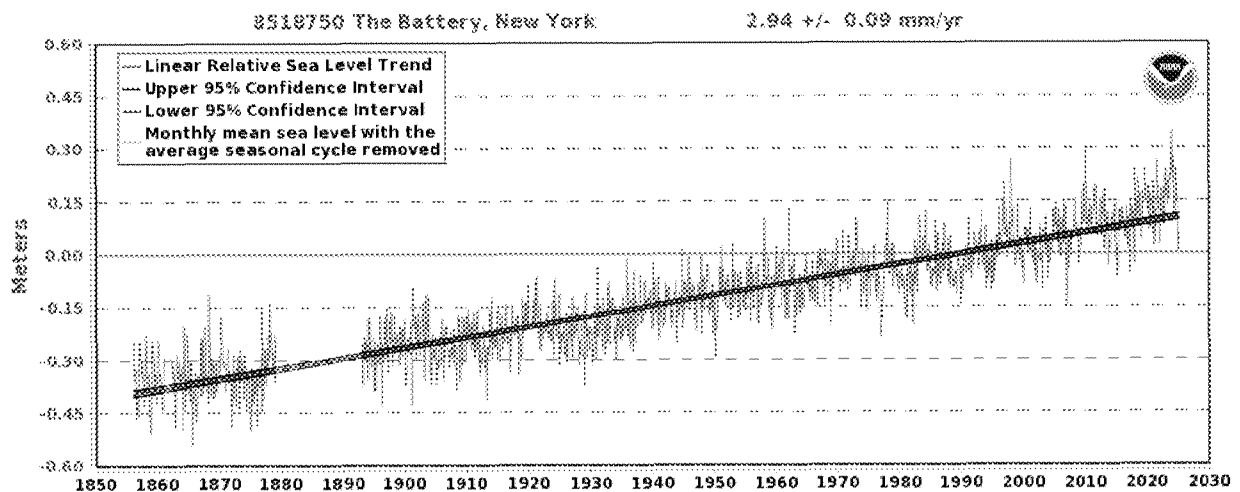


Figure 7.5. Tide gauge measurements at The Battery, New York, obtained from NOAA - https://tidesandcurrents.noaa.gov/sltrends/sltrends_station.shtml?id=8518750 (downloaded 4/22/25).

7.3 Projected sea level rise

The concern over sea level rise is not about the roughly 8 inches of global rise since 1900. Rather, it is about projections of *accelerated* rise based upon simulations of a warming climate through the 21st Century.

The IPCC AR6 finds *high agreement* across published global mean sea level projections for 2050 with little sensitivity to emissions scenarios. Considering only projections incorporating ice-sheet processes in whose quantification there is at least *medium confidence*, the global sea level projections for 2050, across all emissions scenarios, fall between 3.94 and 15.75 inches (5th–95th percentile *very likely* range) relative to the 1995–2014 baseline period (Fox-Kemper *et al.*, 2021).

Conversely, AR6 states there is *low agreement* across published global mean sea level projections for 2100, particularly for higher emissions scenarios. Considering only projections representing ice sheet processes in whose quantification there is at least *medium confidence*, the AR6 global mean sea level projections for 2100 lie between 7.87 and 39.37 inches (5th–95th percentile *very likely* range) under the medium emissions scenario SSP2–4.5 (Fox-Kemper *et al.*, 2021). There is deep uncertainty surrounding projections of sea level rise to 2100 owing to uncertainties in ice sheet instabilities, particularly for the higher emissions scenarios.

In evaluating the IPCC AR6 projections to 2050 (with reference to the baseline period 1995–2014), almost half of the sea level rise has already occurred by 2025. From the tide gauge measurements in Figures 7.2–7.5, there is little to no obvious acceleration in sea level rise beyond the historical average rate.

In February 2022, NOAA issued its projections of sea level rise for various sites along the U.S. coast (Sweet *et al.*, 2022). They claim that by 2050, the sea will have risen one foot at The Battery in Manhattan. A one-foot rise in thirty years would be more than twice the current rate and about three times the average rate over the past century. In that historical context, NOAA’s projection is remarkable—as shown in Figure 7.6, it would require a dramatic acceleration beyond anything observed since the early 20th century. But even more noteworthy is that they say this rise is “locked in”—it will happen no matter what future emissions are. We should know in a decade or so whether that prediction has legs.

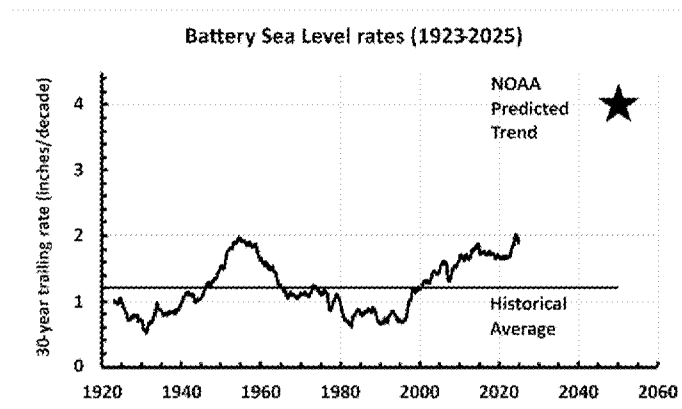


Figure 7.6 Rate of sea level rise at the Battery in Manhattan. Shown is the historical thirty-year trailing trend, together with the allegedly “locked in” NOAA predicted trend for 2050. Historical data: NOAA Tides and Current.

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8 UNCERTAINTIES IN CLIMATE CHANGE ATTRIBUTION

Chapter summary

“Attribution” refers to identifying the cause of some aspect of climate change, specifically with reference to anthropogenic activity. There is an ongoing scientific debate around attribution methods, particularly regarding extreme weather events. Attribution is made difficult by high natural variability, the relatively small expected anthropogenic signal, lack of high-quality data, and reliance on deficient climate models. The IPCC has long cautioned that methods to establish causality in climate science are inherently uncertain and ultimately depend on expert judgement.

Substantive criticism of the main IPCC assessments of the role of CO₂ in recent warming focus on inadequate assessment of natural climate variability, uncertainties in measurement of solar variability and in aerosol forcing, and problems in the statistical methods used for attribution.

The IPCC does not in general make attribution claims for most climate impact drivers related to extreme events. Statements related to statistics of global extremes (e.g. event probability or return times, magnitude and frequency) are not generally considered accurate owing to data limitations and are made with low confidence. Attribution of individual extreme weather events is challenging due to their rarity. Conflicting claims about the causes of the 2021 Western North America Heatwave illustrate the perils of hasty attribution claims about individual extreme events.

8.1 Introduction

The Intergovernmental Panel on Climate Change (IPCC) distinguishes between detection of climate change and attribution of its cause. As defined by the IPCC AR6 WGI Glossary (IPCC, 2025):

Detection: Detection of change is defined as the process of demonstrating that climate or a system affected by climate has changed in some defined statistical sense, without providing a reason for that change. An identified change is detected in observations if its likelihood of occurrence by chance due to internal variability alone is determined to be small, for example, <10%.

Attribution: Attribution is defined as the process of evaluating the relative contributions of multiple causal factors to a change or event with a formal assessment of confidence.

Both steps rely on statistical analysis. Detection focuses on whether changes are significant enough to stand out from random variation regardless of cause. Attribution involves comparison of observed events to model-generated counterfactuals. Since experimentation on the climate is not possible, attribution requires statistical inference to assess how much human activities, such as GHG emissions, versus natural factors, like volcanic eruptions, contribute to observed changes. Attribution methods assume all external and internal drivers of the system are known and represented.

There are ongoing scientific debates around attribution methods, especially those for attributing extreme weather events to climate change. The IPCC has long cautioned that methods to establish causality in climate science are inherently uncertain and ultimately depend on expert judgement. AR4 Working Group I (Hegerl *et al.*, 2007) explained it as follows:

‘Attribution’ of causes of climate change is the process of establishing the most likely causes for the detected change with some defined level of confidence... unequivocal attribution would require controlled experimentation with the climate system. Since that is not possible, in practice attribution of anthropogenic climate change is understood to mean demonstration that a detected change is ‘consistent with the estimated responses to the given combination of anthropogenic and natural forcing’ and ‘not consistent with alternative, physically plausible explanations of recent climate change that exclude important elements of the given combination of forcings’ (IPCC, 2001)... The approaches used in detection and attribution research described above cannot fully account for all uncertainties, and thus ultimately expert judgement is required to give a calibrated assessment of whether a specific cause is responsible for a given climate change.

AR5 Working Group II (Cramer *et al.*, 2014) makes the following statement:

Two broad challenges to the detection and attribution of climate change impacts relate to observations and process understanding. On the observational side, high-quality, long-term data relating to natural and human systems and the multiple factors affecting them are rare. In addition, the detection and attribution of climate change impacts requires an understanding of the processes by which climate change, in conjunction with other factors, may affect the system in question.

Because of the complexity of the causal chains in the climate system, investigation of these relationships is exceptionally challenging.

8.2 Attribution methods

The IPCC employs several attribution methods to assess the causes of observed climate changes, distinguishing between natural and human-induced factors. Below is a concise description of the key IPCC attribution methods.

Optimal Fingerprinting uses linear regression to explain variations in observed climate data as a weighted sum of climate model simulations run with and without anthropogenic forcings. The data used in the regression model is weighted to try to minimize the influence of random noise and the estimation method is chosen to account for climate model error.

Time Series Analysis exploits statistical differences between anthropogenic forcing and natural variability to see which dominates observed temperatures and also uses variations in the timing of changes to determine if causal dependence across data series can be inferred.

Process-Based Attribution focuses on understanding the physical mechanisms behind observed changes. This approach combines observations, climate models, and theoretical understanding to attribute changes in specific processes to forcings. This approach is often used for regional climate phenomena, such as monsoon changes or polar amplification

Extreme Event Attribution assesses the role of human influence in the likelihood of occurrence or intensity of extreme weather events (*e.g.* heat waves or droughts). Methods include:

- Probabilistic Event Attribution uses large ensembles of climate model simulations to compare observed events to model-generated counterfactuals
- Storyline Approach examines the physical processes driving an event and evaluates how anthropogenic forcings might have modified those processes

8.3 Attribution of global warming

Attribution statements for global warming in the three most recent IPCC Assessment reports are:

AR4: **Most of the observed increase** in global average temperatures since the mid-20th century is *very likely* due to the observed increase in anthropogenic greenhouse gas concentrations. (IPCC 2007)

AR5: It is *extremely likely* that **more than half of the observed increase** in global average surface temperature from 1951 to 2010 was caused by the anthropogenic increase in greenhouse gas concentrations and other anthropogenic forcings together. The best estimate of the human-induced contribution to warming is similar to the observed warming over this period. (IPCC 2013)

AR6: The *likely* range of total human-caused global surface temperature increase from 1850–1900 to 2010–2019 is 0.8°C to 1.3°C, with a best estimate of 1.07°C. It is *likely* that well-mixed GHGs contributed a warming of 1.0°C to 2.0°C, other human drivers (principally aerosols) contributed a cooling of 0.0°C to 0.8°C, natural drivers changed global surface temperature by –0.1°C to +0.1°C, and internal variability changed it by –0.2°C to +0.2°C. It is *very likely* that **well-mixed GHGs were the main driver** of tropospheric warming since 1979. (IPCC 2021)

The AR4 and AR5 attribution statements reference the warming since the mid-20th century, the period when greenhouse gas emissions began rapidly increasing. The words “most” and “more than half” are deliberately imprecise, potentially ranging from 51 to 99 percent of the warming – presumably this imprecision is to account for structural uncertainties such as natural internal variability. The confidence level increases from *very likely* to *extremely likely* from AR4 to AR5. The structure of the attribution statement in the AR6 is fundamentally different, referencing the warming to the period 1850–1900. The AR6 attribution statement is more precise numerically, but with a lower level of confidence at “likely” – the AR6 attributes essentially all the warming to increases in greenhouse gases. The most confident statement from the AR6 relates to the tropospheric warming since 1979, using the words “main driver” and “*very likely*.”

There are three areas of substantive criticism of the IPCC’s assessment of the causes of the recent warming: inadequate assessment of natural climate variability, inappropriate statistical methods, and substantial discrepancies between models and observations. The last is discussed in Chapter 6, while this chapter discusses the first two factors. All of these criticisms are relevant to the IPCC’s policy-informing attribution of the recent warming, which also underpins extreme event attribution

8.3.1 Natural climate variability

IPCC AR6 states that natural external drivers since 1850–1900 have changed global surface temperature by –0.1°C to +0.1°C, and internal variability has changed it by –0.2°C to +0.2°C – on average having essentially no net impact on the warming since 1850–1900. As discussed below, this minimal contribution of natural variability has been disputed by several publications that question the magnitudes of solar variability and internal variability from large-scale ocean circulation.

Solar variability

IPCC AR5 concluded that the best estimate of radiative forcing due to Total Solar Irradiance (TSI) changes over the period 1750–2011 was very small (0.05 W/m², Myrhe *et al.*, 2014). IPCC AR6 acknowledges a much larger range of estimates of changes in TSI over the last several centuries, stating that the TSI between the Maunder Minimum (1645–1715) and the second half of the twentieth century

increased by 0.7–2.7 W/m², a range that includes both low and high variability TSI data sets (Gulev, 2021). However, the recommended forcing dataset for the CMIP6 climate model simulations used in AR6 for attribution studies averages two data sets with low solar variability (Matthes, 2017).

While AR6 shows a substantially greater solar impact than does AR5, the overall impact on the climate was still assessed to be small compared to anthropogenic forcing. However, the impact of solar variations on the climate is uncertain and subject to substantial debate - something that is not evident from the IPCC assessment reports (Lockwood, 2012; Connolly *et al.*, 2021).

The change of TSI over time remains a challenging problem. Since 1978, there have been direct measurements of TSI from satellites. However, the data exhibits non-negligible inconsistencies, and interpreting any multi-decadal trends in TSI requires comparisons of observations from overlapping satellites. There are several rival composite TSI datasets, disagreeing as to whether TSI increased or decreased during the period 1986–96 (the ACRIM gap; see Chapter 4). Further, the satellite record of TSI is used to calibrate proxy models, whereby past solar variations are inferred from sunspots and cosmogenic isotope measurements (Velasco Herrera *et al.*, 2015).

There is substantial evidence for high solar activity in the second half of the 20th century (starting in 1959) and extending into the 1990's, before a decline in the early 21st century; this period is often termed the “Modern Maximum.” (Chatzistergos *et al.*, 2023; Solanki *et al.*, 2004; Usoskin *et al.*, 2007). However, some scientists have concluded that it is not possible to be confident of any multi-decadal trend in TSI (Schmutz, 2021).

This uncertainty causes some reconstructions of TSI from 1750 to have low variability (implying a very low impact of solar variations on global mean surface temperature) whereas datasets with high TSI variability can explain more than 70 percent of the temperature variability since preindustrial times (Scafetta, 2013; Stefani, 2021). The choice of TSI satellite record used in an analysis can therefore substantially influence how much climate change is attributed to human versus natural forcings.

There is growing evidence that other aspects of solar variability, which are referred to as solar indirect effects, either amplify TSI forcing or are independent of TSI forcing. Scafetta *et al.* (2023) suggests that ~80 percent of solar influence on climate may stem from non-TSI mechanisms. There are numerous candidate processes, including solar ultraviolet changes; energetic particle precipitation; atmospheric-electric-field effect on cloud cover; cloud changes produced by solar-modulated galactic cosmic rays; large relative changes in the magnetic field; and the strength of the solar wind. Such solar indirect effects are not included in climate models, although indirect methods of estimating their impacts suggest they are significant. However, claims of non-TSI mechanisms influencing climate are uncertain and debated.

Natural variability of large-scale ocean circulations

Variations in global mean surface temperature are linked to recurrent large-scale variations in ocean circulation patterns, including the Atlantic Multidecadal Oscillation (AMO), the Pacific Decadal Oscillation (PDO) and the El Niño-Southern Oscillation (ENSO). These circulations influence ocean heat uptake and heat distribution and also influence atmospheric circulation patterns and cloud distributions. There is some debate as to whether these variations are strictly internal to the climate system, or whether this variability can have a solar/astronomical origin or can be influenced by large volcanic eruptions.

While climate models simulate the large-scale ocean circulations and internal climate variability, most models show have too little amplitude compared to observations at multi-decadal frequencies and phasing out-of-sync with the observed climate (Kravtsov *et al.* 2024). Averaging multiple simulations effectively averages out the internal variations, leaving only the forced climate variability (*e.g.* CO₂ forcing). With most of the modern warming beginning in the late 1970's, the recent 50-year warming is on the same time scale as the multi-decadal oscillations of the AMO and PDO.

Here are summary statements from the IPCC AR5 and AR6 reports:

AR5: Decadal variability in the Pacific, associated with the PDO or IPO [Interdecadal Pacific Oscillation], contributes significantly to regional and global temperature trends, but the relative contributions of internal variability and external forcing are difficult to disentangle in CMIP5 simulations.

AR6: Since AR5, there has been increased understanding of the role of internal variability, such as ENSO, PDO, and AMO, in modulating regional climate trends. However, limitations in simulating the exact timing and amplitude of these modes in CMIP6 models contribute to uncertainties in attributing observed changes to anthropogenic forcing (*high confidence*).

The amplitude of the peak-to-trough impact of the multi-decadal oscillations on global temperatures has been assessed by the IPCC AR6: “The likely range of change due to internal variability is -0.2°C to $+0.2^{\circ}\text{C}$ (IPCC, 2021).” This implies a trough-to-peak change of 0.4°C . Over many centuries, any global temperature changes from the troughs and peaks will cancel out, with little to no net impact.

However, with a nominal timescale of 60-80 years for oscillations such as the AMO and PDO, the timing of the peaks and troughs can be confused with the secular trend. This becomes very relevant for attributing the warming for the past 50 years, when most of the recent warming has occurred. Even if climate models have the correct amplitude of the multidecadal oscillations, the timing of the peaks and troughs is not adequately simulated, with each model and individual ensemble simulating a different phasing. Once the simulations of the ensemble members and different models are averaged, the natural internal variability contribution is averaged out, effectively cancelling the role of natural internal variability in the attribution process.

The time series of global surface temperature anomalies since 1850 (Figure 8.1) shows irregular variations of significant amplitude against the background of an overall warming trend and, after 1976, a pronounced difference in trends between the Northern Hemisphere and the Southern Hemisphere. The period between 1905-1945 shows a strong trend of warming. The following thirty years from 1945-1976 showed slightly declining temperatures. The most recent warming period started in 1977.

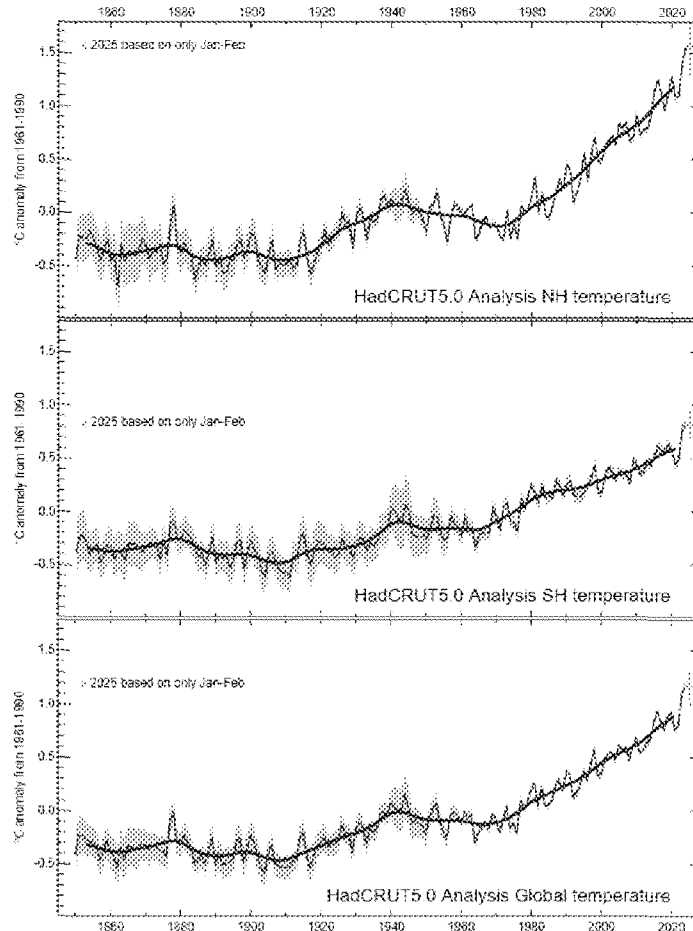


Figure 8.1 Global average surface temperature anomalies 1850—2025. Top: Northern hemisphere. Middle: Southern hemisphere. Bottom: Global average. Source: UK Hadley Centre <https://crudata.uea.ac.uk/cru/data/temperature/HadCRUT5.0Analysis.pdf>

The causes of the early 20th century warming are discussed by Hegerl *et al.* (2017; 2019). The atmospheric CO₂ concentration increased from 298 ppm in 1905 to 310 ppm in 1941, implying that CO₂ had little impact. Volcanic activity during this period was very low, and solar forcing is uncertain. Yet Hegerl *et al.* (2017) somehow inferred that 40-54 percent of this warming could be attributed to external forcing, with the rest associated with internal variability. Bronniman et al (2024) focused on the causes of the cooling in the first decade of the 20th century in the Southern Hemisphere. They found that the cooling was related to a La-Niña-like pattern in the Pacific, a cold tropical and subtropical South Atlantic, a cold extratropical South Pacific, and cool southern midlatitude land areas. The Southern Annular Mode was positive, with a strengthened Amundsen–Bellingshausen seas low, although the spread of the data products is considerable.

The warming in the 1930's and subsequent cooling during mid-century was particularly pronounced in the Arctic. Bokuchava and Semenov (2021) find that these variations were most likely caused by a combined effect of long-term natural climate variations in the North Atlantic and North Pacific with a contribution of the natural radiative forcing related to the reduced volcanic activity and variations of solar activity as well as growing greenhouse gases concentrations. Tokinaga *et al.* (2017) showed that the combined effect of internally generated Pacific and Atlantic interdecadal variability intensified Arctic

warming in the early 20th century. The synchronized Pacific-Atlantic warming drastically alters planetary-scale circulations over the Northern Hemisphere; these same circulation patterns have a global influence.

The cooling period between 1945 and 1976 has been referred to as the “grand hiatus.” Numerous causes have been hypothesized: natural internal variability from fluctuations associated with the Pacific Decadal Oscillation and Atlantic Multidecadal Oscillation; cooling from increased emissions of aerosols from industrial activities; increased heat uptake in the Atlantic, Southern and Equatorial Pacific Oceans. Thompson *et al.* (2010) find that the hemispheric differences in temperature trends in the middle of the twentieth century stem largely from a rapid drop in Northern Hemisphere sea surface temperatures of about 0.3 °C between about 1968 and 1972.

The Great Pacific Climate Shift of 1976-1977 was a notable climatic event characterized by an abrupt change in the North Pacific Ocean's atmosphere-ocean system that interacted with global climate patterns. This shift is closely associated with the Pacific Decadal Oscillation (PDO) that oscillates between warm and cool phases over decades. The 1976 shift marked a transition from a predominantly negative (cool) PDO phase (1947–1976) to a positive (warm) phase (1977 through 2000), with significant implications for global and regional climate patterns including the frequencies of El Niño and La Niña events. The Great Pacific Climate Shift coincided with the beginning of a period of accelerated global warming. When the Great Pacific Climate Shift is accounted for in climate attribution analyses since 1950, 40 percent or more of the warming in the second half of the 20th century is attributed to natural internal variability (McLean *et al.*, 2009; Tung and Zhou, 2013; Chylek *et al.*, 2016; Scafetta, 2021).

8.3.2 Optimal fingerprinting

Optimal fingerprinting is a statistical technique introduced by Allen and Tett (1999) that compares observed climate data to climate model simulations to identify patterns (or “fingerprints”) associated with human or natural forcing. It involves taking a vector of observed climate changes, such as warming rates in locations around the world, and decomposing them into a weighted sum of “signals”, which are analogues to the observations generated by climate models with different types of forcings. The weights are chosen using a regression method called Total Least Squares. The analysis commonly uses just two signals, one generated by models using only anthropogenic forcings and one using only natural forcings. If the estimated weighting coefficient attached to a signal is significantly different from zero, then that signal is said to be “detected”. If it is close to 1.0, then the model generating the signal is said to be consistent with observations. If it is less than 1.0, then the model signal for that forcing is too strong and needs to be scaled down, and vice-versa. Both the observed data and the signals are weighted using a model-generated estimate of patterns of randomness in the climate system so as, in principle, to put maximum weight on regions where natural variability is minimized.

Optimal fingerprinting is the primary tool for attribution in the research literature. While it has been widely used and prominently featured by the IPCC since 2001, there is very little literature examining the statistical properties of the results it generates. One of its inherent weaknesses is that results depend on assumptions about the accuracy of climate models, especially regarding their representation of natural variability (IPCC AR5 Ch 10.2.3).

A series of papers by McKittrick (McKittrick 2021, 2022, 2023, 2025) has challenged the optimal fingerprinting method, arguing that it is inherently unreliable and that practices adopted from econometrics can provide more valid results. Statistical theory requires that for regression models to yield unbiased coefficients, a set of assumptions called the Gauss-Markov conditions must hold. McKittrick (2021) argued that the Allen and Tett (1999) methodology violates the Gauss-Markov conditions, leading to potentially biased and inconsistent fingerprinting coefficients, undermining the reliability of the method. Chen *et al.* (2023) confirmed this analysis and argued that the method could yield unbiased results, but only under very stringent assumptions. McKittrick (2022) and (2023) raised a further concern that climate scientists—virtually alone among

scientific disciplines—have used an estimation method called Total Least Squares (TLS) to estimate anthropogenic greenhouse gas signal coefficients, despite its tendency to be unreliable unless some strong assumptions hold that in practice are unlikely to be true. Under conditions that easily arise in optimal fingerprinting, TLS estimates have a large positive bias. Thus, any study that used TLS for optimal fingerprinting without verifying its applicability in the specific data context has likely overstated the attribution.

McKittrick (2025) presented an empirical example comparing the results of conventional optimal fingerprinting against methods drawn from mainstream econometrics that are known to be valid for the specific application of signal detection. While the IPCC optimal fingerprinting method yields an anthropogenic signal coefficient close to 1.0 on a global temperature data set spanning 1900 to 2010, consistent estimation yields a coefficient around 0.4, which rises to about 0.65 on data spanning 1980 to 2010, implying the model response to greenhouse gases needs to be scaled down by about half to optimally match observations. The natural forcing signal coefficient, by contrast, is between 2.0 and 4.0, implying the climate model signals of natural forcing need to be scaled up two-to four-fold to match observed climate change. The fingerprinting coefficients estimated in McKittrick (2025), when used to scale the average sensitivity of the climate models used to generate the forcing signals in his data set, imply a Transient Climate Sensitivity of 1.4°C, which is consistent with the estimate by Lewis (2023) using a different estimation method and multiple independent data sets.

While these analyses do not falsify all results stemming from the IPCC optimal fingerprinting method, they do challenge the basis on which they were believed to be correct.

8.3.3 Time series methods

The IPCC (AR5 WGI 10.2.2) drew attention to alternative approaches of assessing causality that emerged from the time series econometrics literature. These have the advantage of not depending on assumptions about the accuracy of climate models, but the disadvantage that they depend on difficult-to-test assumptions about the data generating process underlying climate and forcing data. The methods, now referred to as climate econometrics, use the tools of unit root testing, Granger causality and cointegration analysis, all of which are familiar in economics and finance and which are slowly being adopted in climate science. Time series analysis methods hold out the possibility of determining whether anthropogenic or natural forcings are the primary drivers of climate change without requiring the use of climate models, although key questions remain unsettled (e.g. Dergiades *et al.*, 2016, Balcombe *et al.*, 2019, Dagsvik *et al.*, 2020, Razzak, 2022, Dagsvik and Moen, 2023).

“Granger causality” modeling is a tool for determining directions of influence in data series that move together. It is a statistical, not a physical, concept. If knowing the current value of one variable significantly improves the forecast accuracy of another variable, we can infer a causal connection exists; this is called Granger causality. The modeling tools, called vector autoregression, measure direct impulse-response patterns and feedbacks. An application to the well-known Vostok ice core data revealed an error in Al Gore’s documentary *An Inconvenient Truth*. Gore showed the data and drew attention to the coherence of temperature and CO₂ changes over a 440,000 year span, which he asserted was due to CO₂ driving temperature changes. But temperature changes can also affect atmospheric CO₂ levels. Davidson *et al.* (2015) examined the series and found that temperature Granger causes CO₂ but not the reverse. In other words on the time scales represented in the Vostok data the coherence in the series is primarily due to the influence of temperature on CO₂ levels, not the feedback of CO₂ levels on temperature.

In summary, the primary statistical methods for attributing causation in climate data are optimal fingerprinting and time series analysis. Applications of the Allen and Tett (1999) optimal fingerprinting method dominate the attribution literature and have underpinned past IPCC conclusions, but results depend

on the accuracy of climate models and the method has recently been criticized as inherently biased. Time series methods do not depend on climate models but require assumptions of their own and have generated results that have thus far not converged on a consensus.

8.4 Declining planetary albedo and recent record warmth

A sharp recent increase in global average temperatures has raised the question of short-term drivers of climate. One such candidate is the fraction of absorbed solar radiation which has also increased abruptly in recent years. The question to be answered is whether the change is an internal feedback to warming caused by greenhouse gases or whether something else increased the fraction of absorbed radiation which then caused the recent warming.

The albedo is the fraction of incoming solar radiation that is reflected back into space rather than being absorbed by the planet. Highly reflective surfaces like cloud tops and snow and ice are most important in this regard. The Earth's albedo is approximately 30 percent, meaning almost a third of the sunlight that reaches Earth is directly reflected back to space. A lower albedo implies more solar energy is absorbed by the planet to be then re-radiated as heat. Hence, other things being equal, a decline in albedo is associated with a warming of the Earth.

Arguably the most striking change in the Earth's climate system during the 21st century is a significant reduction in planetary albedo since 2015, which has coincided with at least two years of record global warmth. Figure 8.2 shows the planetary albedo variations since 2000, when there are good satellite observations. The 0.5 percent reduction in planetary albedo since 2015 corresponds to an increase of 1.7 W/m² in absorbed solar energy averaged over the planet (Hansen and Karecha, 2025). For comparison, the IPCC estimate of forcing from the increase in atmospheric CO₂ compared to preindustrial times is approximately 2.2 W/m² (Figure 3.1.2).

Looking back prior to 2000 with less adequate data, Goessling *et al.* (2025) assessed that planetary albedo was relatively low around the 1940's and 50's, before rising industrial aerosol precursor emissions increased albedo until the 1980's. The strongest planetary albedo excursions were high-albedo episodes caused by volcanic eruptions, such as after the Mount Pinatubo eruption in 1991. Although uncertain, the 2023 planetary albedo minimum may have been the lowest since at least 1940.

Changes in surface characteristics can't explain this decrease in planetary albedo since 2015:

- Arctic sea ice extent has declined by about 5 percent since 1980 (https://nsidc.org/data/seaice_index/images/s_plot_hires.png), although following 2007 there has been a pause in the Arctic sea ice decline (England *et al.*, 2025)
- Regarding Antarctic sea ice, the IPCC AR6 concludes that “There has been no significant trend in Antarctic sea ice area from 1979 to 2020 due to regionally opposing trends and large internal variability.” (Summary for Policymakers, A.1.5)
- Northern hemispheric annual snow cover has been slowly declining since 1967, with barely significant trends. The data show the Northern Hemisphere has snowier winters, accompanied by more rapid melt in spring and summer. <http://climate.rutgers.edu/snowcover/>
- Global greening (Chapter 2) is contributing to the decrease in planetary albedo, as forests have a lower albedo than open lands or snow. However, there is some evidence that forests increase cloud cover (high reflectivity), which counteracts the direct albedo increase associated with increasing forested area.

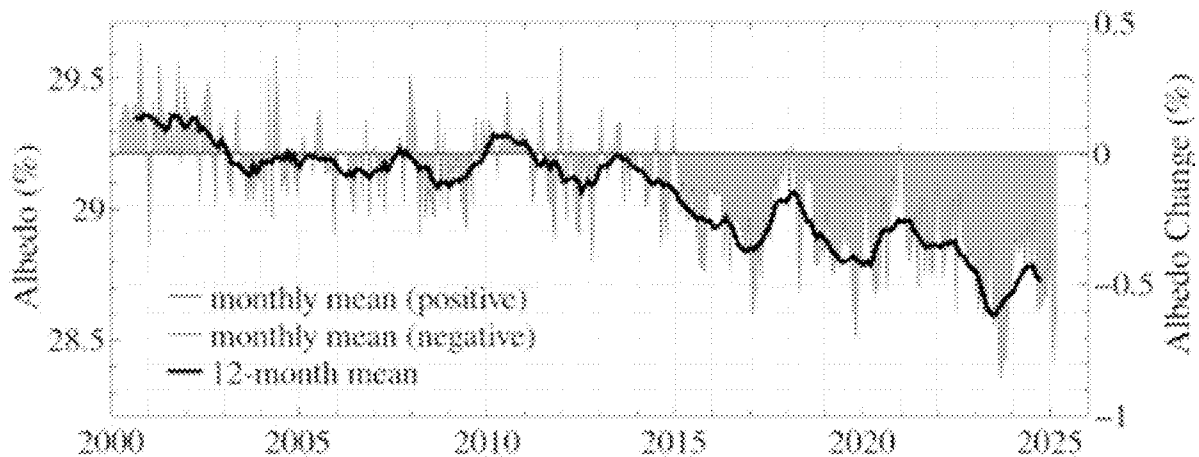


Figure 8.2. Earth’s albedo (reflectivity, in percent), with seasonality removed. From Hansen and Karecha (2025)

Changes in surface reflectivity are contributing to a small, slow decline in planetary albedo. However, these changes cannot explain the sharp decline in planetary albedo beginning in 2015. Further, any changes in surface albedo are effectively damped by about a factor 3 on average, primarily due to cloud masking (Loeb *et al.* 2019). Surface albedo changes have thus contributed only weakly to the recent planetary albedo decline, particularly when averaged annually and globally. This leaves the most likely explanation for the sharp albedo decline as changes in atmospheric aerosols and/or clouds.

Aerosols are small particles in the atmosphere that reflect sunlight and can interact with cloud processes to make the clouds more reflective. Aerosols have both natural origins (*e.g.* dust from soils, wildfires) as well as human origins from combustion (including fossil fuels). Regions that are greening and/or have an increase in rainfall might be producing less dust. For anthropogenic aerosols, new ship fuel regulations aimed at reducing sulfur emissions were implemented in three phases, in 2010, 2015 and 2020. Sulfate particles reflect solar radiation. Cleaner air means less solar radiation is reflected, which contributes to surface warming. Indirect effects of sulfate aerosols include increasing the reflectivity of low-level clouds in the subtropics. There is controversy surrounding the importance of this change in sulfate emissions to the Earth’s radiation balance (Hodnebrog *et al.*, 2024; Yuan *et al.*, 2024), but the restriction of this effect to major shipping routes suggests a small global impact (Schmidt, 2024).

Changes in clouds are the primary candidate to explain the decline in global albedo since 2015. Two recent papers (Loeb *et al.*, 2024; Goessling *et al.* 2024) have addressed recent variations in cloud properties. By considering satellite and reanalysis data, Loeb *et al.* found that decreases in low and mid-level clouds since 2015 are the primary reason for decreasing planetary albedo in the Northern hemisphere, whereas in the Southern hemisphere the decrease in planetary albedo is primarily due to decreases in mid-level clouds across all latitude zones. Goessling *et al.* (2024) found that cloud anomalies were mainly due to reduced low-level clouds. Regions with coherent low-level cloud reductions over the past decade include the warm pool region around the Maritime Continent and the northern extratropical western Pacific, as well as large parts of the Atlantic and adjacent land regions. The reduction of global cloud cover identified in these analyses since 2015 is 1-2 percent.

The question then becomes what caused the change in cloud cover. Two causes have been posited for the declining cloud cover over the past decade:

- Natural climate variability

- Changes in low cloud cover associated with warming sea surface temperatures, implying an emerging positive feedback to climate change (Hansen and Karecha, 2025)

The existence of a new positive low cloud feedback that began emerging in 2015 is not easy to justify. However, there are numerous natural climate signals during this period that are associated with atmospheric circulation changes that can influence the distribution of clouds:

- The 2014-2016 was one of the strongest El Niño events on record
- A cold anomaly beginning in 2015 in the subpolar gyre of the North Atlantic reflects a shift in the ocean circulation pattern associated with decadal variability in the Atlantic (Frajka-Williams *et al.*, 2017; Arthun *et al.* 2021).
- The Pacific Decadal Oscillation positive index peaked in 2016, then declined and has been in negative territory since late 2019
- Eruption of the submarine Hunga-Tonga volcano in 2022

Interannual cloud anomalies associated with the El Niño Southern Oscillation (ENSO) have a significant global signal and strong regional signals especially over the tropical Indian and Pacific Oceans.

The Hunga Tonga eruption is remarkable in its coincidence with the exceptionally low value of planetary albedo in 2023. Goessling *et al.* (2024) found that the cloud perturbations in 2023 showed a different pattern from the overall pattern since 2015, with reduced cloud cover being most pronounced in the northern hemisphere and tropics. Regional reductions in cloud cover were most pronounced over the eastern Indian Ocean, over South America and extending over the eastern Pacific, as well as over northern North America, in the Southern Ocean around 60S, in the subtropical and eastern North Atlantic, and in parts of the North Pacific.

The Hunga Tonga eruption was unusual in that it injected large amounts of water vapor into the stratosphere, in addition to sulfate particles. Early publications focused on the impacts to stratospheric circulations and the direct radiative impact. In 2025, papers are emerging that examine the indirect effects of Hunga Tonga on surface climate using ensemble simulations from earth system models (Bednarz *et al.*, 2025; Kuchar *et al.*, 2025). These papers found statistically significant impacts on regional climates that were driven by circulation changes from couplings between the stratosphere and troposphere. These papers indicate the complex interactions between volcanic activity and climate dynamics. More research is needed to untangle any impacts of Hunga Tonga eruption on planetary albedo.

In summary, the decline in planetary albedo and the concurrent decline in cloudiness have emphasized the importance of clouds and their variations to global climate variability and change. A change of 1 to 2 percent in global cloud cover has a greater radiative impact on the climate than the direct radiative effect of doubling CO₂. While it is difficult to untangle causes of the trend, the competing explanations for the cause of the declining cloud cover have substantial implications for assessing the Equilibrium Climate Sensitivity and also for the attribution of the recent warming. An additional 10 years of data should help clarify whether this is a strong positive cloud feedback associated with warming, or a temporary fluctuation driven by natural variability

8.5 Attribution of climate impact drivers

The IPCC (Ranasinghe *et al.* 2021) defines “climate impact drivers” or CIDs as “physical climate system conditions (e.g., means, events, extremes) that affect an element of society or ecosystems.” Hence CIDs are those features of the weather and climate system of primary interest in assessing the impacts of climate change since they potentially affect humans and the natural world. For instance, under the heading “Heat and Cold,” CIDs are identified as mean air temperature, extreme heat, cold spells and frost. The IPCC

also points out that CIDs are not necessarily harm-related: depending on the system in question they can be detrimental, neutral, beneficial or a combination.

The first column of Table 12.12 in Ranasinghe *et al.* (2021, p. 1856), reproduced here as Table 8.1, summarizes the AR6 assessment of whether a signal of attributable anthropogenic influence has emerged across all major CIDs. One of the themes of this chapter is that attribution methods used by the IPCC tend to overstate the anthropogenic influence and understate the role of natural variability. Nonetheless a striking feature of that summary table is how few CIDs exhibit an anthropogenic signal sufficient to distinguish them from natural variability.

Out of the 33 weather impact categories an anthropogenic signal is asserted with *high confidence* in only five, and with *medium confidence* in a further four. (Note that one of the CIDs is an increase in CO₂ levels, and since it is a tautology to attribute this to increased CO₂ levels this CID can be ignored.) For the rest the IPCC does not claim to have detected anthropogenic drivers. Of the five *high confidence assertions*, two are for changes in average temperatures (air and ocean) hence are not measures of extreme weather. Further, two of the four *medium confidence* assertions are related to ocean chemistry and thus are likewise not related to extreme weather. The IPCC does not assert a human influence on many non-temperature weather features such as wind, precipitation, flooding, drought etc.

Columns 2 and 3 of IPCC Table 12.12 report on whether anthropogenic signals are expected to emerge this century under RCP8.5, the most extreme forcing scenario. We have omitted these columns for several reasons. First, because they refer to whether climate models project detectable signals in the observations, which is a very different question than our concern here, whether a signal has been detected in historical data. Second, as we discuss in Chapter 4, the RCP8.5 scenario is a misleading and implausible high-end storyline, it is not a “base case” or business-as-usual projection. Third, the ensemble of detailed models is acknowledged (Palmer and Stevens 2019) to be “not fit for purpose” in describing regional changes and “unable to represent future conditions at the degree of spatial, temporal, and probabilistic precision with which projections are often provided.” (Nissan et al, 2019). Even with these caveats, we note that the omitted columns in AR6 Table 12.12 show most weather impacts are not expected to exhibit an anthropogenic signal this century.

Climatic Impact-driver Type	Climatic Impact-driver Category	Already Emerged in Historical Period
Heat and Cold	Mean air temperature	1
	Extreme heat	2
	Cold spell	4
	Frost	
Wet and Dry	Mean precipitation	
	River flood	
	Heavy precipitation and pluvial flood	
	Landslide	
	Acidity	
	Hydrological drought	
	Agricultural and ecological drought	
	Fair weather	
Wind	Mean wind speed	
	Severe wind storm	
	Tropical cyclone	
	Sand and dust storm	
Snow and Ice	Snow, glacier and ice sheet	
	Permafrost	
	Lake, river and sea ice	11
	Heavy snowfall and ice storm	
	Hail	
	Snow avalanche	
Coastal	Relative sea level	
	Coastal flood	
	Coastal erosion	
Open Ocean	Mean ocean temperature	
	Marine heatwaves	
	Ocean acidity	
	Ocean salinity	13
	Dissolved oxygen	14
Other	Air pollution weather	
	Atmospheric CO ₂ at surface	
	Radiation at surface	

High confidence of decrease	Medium confidence of decrease	Low confidence is direction of change	Medium confidence of increase	High confidence of increase
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Table 8.1: Reproduction of column 1 of Table 12.12, IPCC AR6 Working Group I report. Emergence of anthropogenic signal in historical period for CIDs shown. White: no signal detected. Blue and orange: change detected (decrease or increase) and confidence level as indicated in color legend.

As discussed in Chapter 6 natural variability dominates patterns of extreme weather systems and simplistic assertions of trend detection are frequently undermined by regional heterogeneity and trend reversals over time. Table 8.1 makes the related point that, again contrary to popular belief, attribution of changes in most extreme weather types to human influence is not currently possible. Taking wind as an example, the IPCC claims that an anthropogenic signal has not emerged in average wind speeds, severe windstorms, tropical cyclones or sand and dust storms, nor is one expected to emerge this century even under an extreme emissions scenario. The same applies to drought and fire weather.

8.6 Extreme event attribution (EEA)

Examining the IPCC's treatment of extreme weather and climate event attribution more broadly, the AR6 provides an ambiguous assessment of the role of anthropogenic warming that differs between chapters. Chapter 11 of WG1 states (Seneviratne *et al.*, 2021):

Evidence of observed changes in extremes and their attribution to human influence (including greenhouse gas and aerosol emissions and land-use changes) has strengthened since AR5, in particular for extreme precipitation, droughts, tropical cyclones and compound extremes (including dry/hot events and fire weather). Some recent hot extreme events would have been extremely unlikely to occur without human influence on the climate system.

By contrast, as noted above, Chapter 12 of WG1 (Table 12.12) paints a different picture – presumably, the expert judgment of different groups of authors for the two chapters came to different conclusions (Ranasinghe, 2021):

- High confidence in an increase in extreme heat events in tropical regions where observations allow trend estimation and in most regions in the mid-latitudes, medium confidence elsewhere
- Medium confidence in a decrease in extreme cold events in Australia, Africa and most of northern South America where observations allow trend estimation
- No evidence of emergence in the historical period of a change in river floods, heavy precipitation, drought, fire weather, severe wind storms, and tropical cyclones

While the overall issue of detecting changes in extreme weather events and their attribution remains ambiguous, most of the activity in this area relates to the attribution of particular extreme weather events. The most prominent effort is World Weather Attribution (WWA; worldweatherattribution.org), an international research initiative for extreme event attribution that purports to analyze how climate change influences the likelihood and intensity of extreme weather events. Their approach is to use large ensembles of regional climate models to compare an event in today's climate with one in a counterfactual pre-industrial climate without human influences.

WWA has a prominent public presence in linking extreme weather to climate change, with its press releases attracting considerable attention in public and policy discussions. However, the WWA's extensive promotion of non-peer-reviewed findings, its funding ties, its open admission to shaping analyses to serve litigation, and its methodological challenges have sparked controversies, with critics questioning the robustness and impartiality of their conclusions (Pielke Jr. 2024). Despite these issues, WWA's work continues to influence climate science and media narratives. Technical criticisms of the approach include a lack of a formal detection process; an implicit assumption that 100 percent of the post-industrial warming is caused by greenhouse gases; and a failure to adequately account for internal climate variability.

Because EEA is relatively new many basic methodological issues have yet to be settled in the expert literature. An important challenge is the lack of data. Extreme events are, by definition, rare. Many analyses of extreme event types (including the U.S. National Assessment Reports) only evaluate data since 1950 or 1970. However, as emphasized by Chapter 6, many of the worst extreme weather and climate events in U.S. history occurred prior to the first half of the 20th century, including in the early 19th century. And if paleoclimate reconstructions are considered, it becomes very difficult for an event to pass the detection thresholds of exceeding what is expected from natural variability, particularly if a reasonably sized geographic region is considered.

Another challenge is defining the event under study. There is a longstanding literature in statistics and econometrics on the challenge of analyzing data with outliers. The issue arises because a data series establishes a probability distribution defining the expected range of observations. If an outlier is observed it might indicate that the underlying process giving rise to the data distribution has changed (which in the weather context would mean that a climate change has been detected) or that the underlying process has multiple regimes each with a different probability distribution, in which case observing an outlier simply means we were temporarily in a different regime, but the system itself was unchanged. If a time series contains only a single outlier event at the end of the series it is not possible to determine which model is the correct one (Chen and Liu 1993). For instance, there might be an “ordinary” weather regime that yields a distribution of summer daytime highs in a particular coastal region, and a second “heatwave” regime that kicks in when an inland blocking event occurs, which yields a temperature distribution centered 15°C higher than the first one. A day with temperatures 13°C above normal would either be an extreme heat anomaly under the first regime or a somewhat cool event under the second, and we have no way in this case of knowing on statistical grounds which view is correct.

Visser and Petersen (2012) and Sardeshmukh *et al.* (2015) both point out that different distributions may fit observed data equally well but yield very different implications about the likelihood of a specific weather event. Visser and Petersen argue that, in view of the deep uncertainties of extreme weather analysis, drawing a connection between individual events and global climate change should be avoided. Furthermore, the existence of an outlier at the end of a data series poses the problem that estimates of the event probabilities will be biased whether the outlier is included or excluded (Barlow *et al.*, 2020). Methods to eliminate the bias have not yet been established, leading some experts (e.g. Miralles and Davison 2023) to argue that in settings in which a data series contains a single extreme event at the end, estimation of a return period for the extreme event will be so biased and uncertain that it should be avoided altogether.

We provide a case study of a recent high impact extreme event in the U.S. to illustrate the challenges and ambiguities in attributing the frequency and intensity of extreme weather events to human-caused warming.

8.6.1 Case study – 2021 Western North America heat wave

The 2021 Western North America heat wave was an extreme event that affected much of Western North America in late June 2021. In particular, surface temperature records were set in Portland, OR (116°F; previous record 107°F) and Seattle, WA (108 °F; previous record 103°F) (Mass *et al.*, 2024).

The WWA team generated international headlines with their analysis, which provided the following attribution statements (WWA, 2021; Philip *et al.*, 2022):

- Based on observations and modeling, the occurrence of this heatwave was virtually impossible without human-caused climate change.
- The event is estimated to be about a one in 1000-year event in today’s climate.
- The event would have been at least 150 times rarer without human-induced climate change.
- This heatwave was about 2°C hotter than it would have been if it had occurred at the beginning of the industrial revolution (when global mean temperatures were 1.2°C cooler than today).

But an important counter to the first claim is that other researchers concluded from historical weather data that while a heat wave of the magnitude observed was indeed virtually impossible without anthropogenic climate change, it was also virtually impossible *with* climate change. Bercos-Hickey (2022) noted “these temperatures were virtually impossible under any previously experienced meteorological conditions, with or without global warming.” McKinnon and Simpson (2022) stated “the most likely explanation remains that the weather event itself was ‘bad luck.’” The 2023 Oregon Climate Assessment (Fleischman, 2023) concluded that the heat dome would have formed even without climate change and “There is no evidence that the highly unusual combination of weather features that drove the heat dome were made more likely by climate change, and climate models do not project an increase in the frequency of high-pressure ridges over the Pacific Northwest” (Fleischman, 2023, p. 49).

Mass *et al.* (2024) summarizes the proximate sequence of compound events leading to the heat wave. There was a record-breaking mid-tropospheric ridge over the Pacific Northwest, forced by a tropical disturbance in the western Pacific. This produced record-breaking mid-tropospheric temperatures, strong subsidence in the lower atmosphere, low-level easterly flow that produced downslope warming on regional terrain and the removal of cooler marine air, and an approaching low-level trough that enhanced downslope flow. The event occurred at a time of maximum solar insolation, and drier-than-normal soil moisture. Using a storyline approach, Mass *et al.* assessed that there is no trend in drought and dry soils in the Pacific Northwest; there is no evidence of global warming producing stronger ridges of high pressure, and no observed trend in heat waves or record temperatures in the region. They concluded that although anthropogenic warming might have contributed as much as 2°F to the magnitude of the event, there is little evidence of further amplification of the event from increasing greenhouse gases.

Bercos-Hickey *et al.* (2022) conducted a statistical analysis of a model-based attribution study of this heat wave. Because the event is a far outlier and far above the bounds of Generalized Extreme Value distributions fitted from historical data, they concluded that estimates of return times, quantitative changes in event magnitude and frequency, and probability of the extreme temperatures such as provided by the WWA are not accurate and should be interpreted as having low confidence. They found that hindcast attribution methods using an ensemble of regional climate models, combined with Pearl (2009) causal inferences, can provide limited and conditional information about the magnitude of the human influence on this heatwave - they provided a more highly constrained estimate that human activities caused a ~1.4°F–1.8°F increase in the daily maximum temperatures.

Zeder *et al.* (2023) also concluded that the methods employed by Philip *et al.* (2022, the WWA analysis) tend to overstate the rarity of extreme heat waves, leading to a biased perception of the effect of climate change on the heatwave event: “The tendency to overestimate the return period of observed extreme heatwave events may fuel the impression that seemingly impossible heatwave extremes are currently clustering at an unprecedented rate.”

The 2021 Western North America heatwave was a rare and unprecedented compound weather event that broke century-old temperature records by as much as 9°F. While the WWA team received worldwide publicity for their rapid attribution claims blaming anthropogenic climate change, subsequent peer-reviewed analyses showed that the event was caused by rare meteorological conditions that were not made more probable by global warming.

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PART III: IMPACTS ON ECOSYSTEMS AND SOCIETY

9 CLIMATE CHANGE AND U.S. AGRICULTURE

Chapter summary

There has been abundant evidence going back decades that rising CO₂ levels benefit plants, including agricultural crops, and that CO₂-induced warming will be a net benefit to U.S. agriculture. The warming since 1981, in combination with adaptive behavior by farmers, has been beneficial for maize. The increased ambient CO₂ has also boosted productivity of all major U.S. crop types. Various attempts to argue that CO₂-induced warming will harm agriculture do not hold up under scrutiny.

9.1 Econometric analyses

Econometric analyses of the effects of climate change on agriculture have sought to integrate information about long term crop yield changes in response to temperature and precipitation changes under assumptions about adaptive behavior by farmers. One method focuses on variations in agricultural land values. The rationale is that if climate change is a long-term net benefit for agriculture it should be capitalized into higher market values for agricultural land, and vice versa. While individual crops might benefit from or be harmed by climate change, once the adaptative responses of farmers are considered the value of farmland represents an index of whether the changes are expected to be beneficial or not. Mendelsohn *et al.* (1994) examined the relationship between historical climatic variations on agricultural land values and concluded global warming would be slightly beneficial to American agriculture.

The Mendelsohn *et al.* method, called Ricardian analysis after David Ricardo, the 19th century British economist who pioneered the study of land values, attracted subsequent criticism from authors who argued it failed to account for differences in land values attributable to fixed locational characteristics like soil quality, and non-climatic changes including nearby urbanization. Deschênes and Greenstone (2007) looked at agricultural profits instead of land values and reached conclusions similar to Mendelsohn *et al.* (1994), namely that past climatic variations had relatively little effect on farm profitability and that warming would likely yield small overall benefits for the U.S. agricultural sector. However, a subsequent exchange with critics led them (Deschênes and Greenstone 2012) to revise their conclusions and project potentially large losses in U.S. agriculture due to climate warming.

Burke and Emerick (2016) looked at temperature variations over 1980 to 2000 and argued that farmers were not as able to adapt to temperature changes as the Ricardian method assumes and that climate change would have large negative impacts on corn and soy yields. Schlenker and Roberts (2009) similarly argued that yield gains to past warming would not carry over to the future and corn and soy yields would sharply decrease this century due to climate change.

Two recent studies have argued that pessimistic findings such as these are not robust. Ortiz-Bobea (2019) argued that land values aggregate farm and non-farm influences and the latter need to be filtered out. He developed a data set using cash rents for agricultural activity as a measure of land value specifically for farming activity. Whereas the land value model implied future losses under climate warming, the same model estimated using cash rents did not, leading the author to conclude the pessimistic results were due to using an inaccurate measure of the returns to farming activity. Bareille and Chakir (2023) assembled a large data base on farm sale prices in France for properties that sold twice between 1996 and 2019. They could replicate pessimistic results showing negative effects of warming on agricultural land values using conventional econometric modeling. But by taking advantage of the repeat sales data, which provides information on site-specific changes in land prices, they found the results reversed and implied that climate change will be very beneficial for French agriculture. The authors concluded that, taking adaptation into account, a warming climate would yield positive benefits for French agriculture that were between two and

20 times larger than had previously been estimated. On average, with full adaptation, they concluded that climate changes under the medium RCP4.5 scenario could double the value of French farmland by 2100.

A major deficiency of all these studies, however, is that they omit the role of CO₂ fertilization. Climate change as it relates to this report is caused by GHG emissions, chiefly CO₂. The econometric analyses referenced above focus only on temperature and precipitation changes and do not take account of the beneficial growth effect of the additional CO₂ that drives them. As explained in Chapter 2, CO₂ is a major driver of plant growth, so this omission biases the analysis towards underestimation of the benefits of climate change to agriculture.

9.2 Field studies of CO₂ enrichment

One of the ways the effect of CO₂ on crop growth has been studied is through “free air enrichment experiments” or FACE plots, in which small sources of CO₂ are placed in fields surrounding plants and the growth response to elevated CO₂ under varying weather conditions are recorded. Ainsworth *et al.* (2020) summarizes results from about 250 such studies. They found that elevation of CO₂ by 200 ppm caused an average 18 percent increase in crop yield in C3 plants. C4 plants exhibited benefits mainly under drought conditions.

In addition to FACE plot experiments there have been thousands of laboratory experiments on the effects of CO₂ on all kinds of plant growth. Here we review some of the results on key U.S. agricultural crops.

Soybean

Studies on the impact of elevated CO₂ on Soybean (*Glycine max* (L.) Merr.) plants in the water-deficient region of Huang-Huai-Hai Plain, China, showed that elevated CO₂ concentrations improved photosynthesis rate, water use efficiency, and growth Li (2013) under both normal conditions and drought conditions. The CO2Science.org website reports on 108 published experiments between 1985 and 2019 exposing soybean to enriched CO₂ levels. Converted to a +300ppm common scale the average growth benefit was +50.9 percent. There were also ten studies reporting on +600 ppm CO₂ enrichment, which increased photosynthesis by an average of 90.3%.

Maize (corn)

The CO2Science.org website reports on 28 published experiments between 1983 and 2018 exposing corn (*Zea mays* L.) to enriched CO₂ levels. Converted to a +300ppm common scale the average growth benefit was +23.7 percent. Corn also benefits from increased drought tolerance under elevated CO₂. An experimental study (Allen Jr., 2011) exposed plants to water stress conditions in sunlit controlled-environment chambers at 360 ppm (ambient) and 720 ppm (elevated) CO₂. The drought stress caused a 41 percent loss of growth under ambient CO₂ but only a 13 percent loss under elevated CO₂.

Wheat

The CO2Science.org website reports on 92 published experiments between 1983 and 2020 exposing common wheat (*Triticum aestivum* L.) to enriched CO₂ levels. Converted to a +300ppm common scale the average growth benefit was +67.6 percent. Blandino (2020) measured both the yield and nutritional quality of an “improver” hybrid wheat variety and its parents under elevated CO₂ levels (+166 ppm). They reported a grain yield increase of +16 percent but a 7 percent decrease in grain protein levels. But they found that the food quality of different wheat varieties responded differently to elevated CO₂ levels, so that with proper varietal selection, growers could select wheat types that best take advantage of the elevated CO₂.

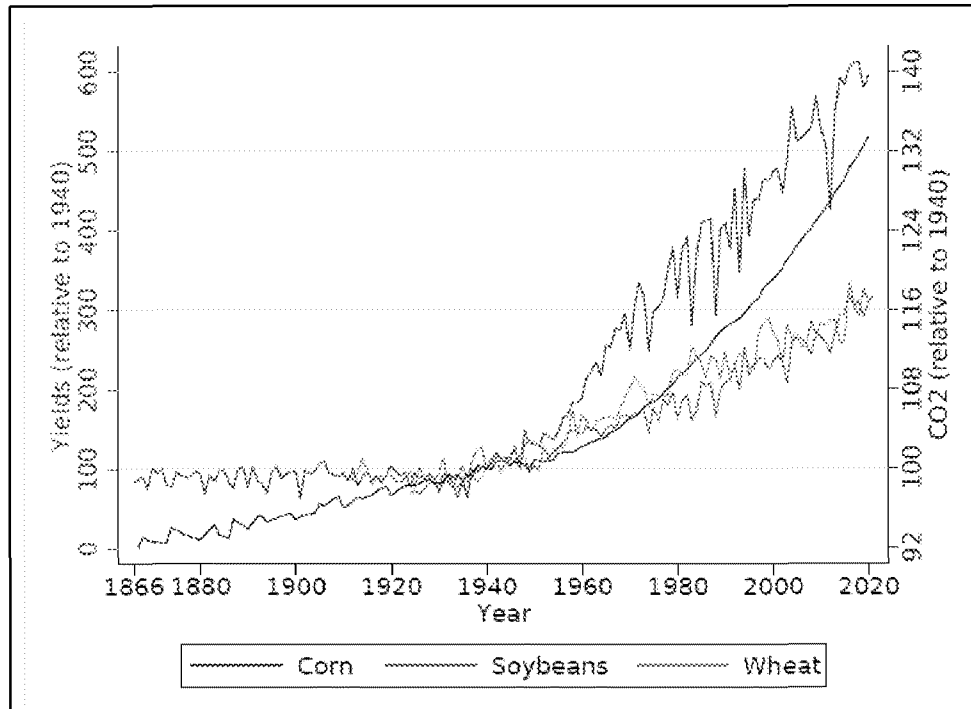


Figure 9.1: U.S. average CO₂ levels and yields of corn, soy and wheat all normalized so 1940=100. Source: Taylor and Schlenker (2021)

Further evidence

A 2021 report from the U.S. National Bureau of Economic Research (Taylor and Schlenker 2021) used satellite-measured observations of outdoor CO₂ levels across the United States, matched to county-level agricultural output data and other economic variables. After controlling for the effects of weather, pollution and technology the authors concluded that CO₂ emissions had boosted U.S. crop production since 1940 by 50 to 80 percent, attributing much larger gains than had previously been estimated using FACE experiments. They found that every ppm of increase in CO₂ concentration boosts corn yields by 0.5 percent, soybeans by 0.6 percent, and wheat by 0.8 percent.

Beyond growth benefits, extra CO₂ boosts plant resilience to dryness. Deryng *et al.* (2016) surveyed evidence on crop water productivity (CWP, the yield per unit of water used), drawing attention to the potential for CO₂ both to enhance photosynthesis and reduce leaf-level transpiration (water loss during leaf respiration). They surveyed all available FACE data on crop yield changes for maize (corn), wheat, rice and soybean, and combined it with crop model data simulating yield responses as of 2080 under the extreme RCP8.5 scenario in four growing regions (Tropics, Arid, Temperate and Cold) each of which were split into rainfed and irrigated sub-regions. In every region they reported that models without CO₂ fertilization predicted CWP losses but CO₂ fertilization more than offset them; once fertilization was taken into account, all regions showed a net CWP gain. Deryng *et al.* also reported that negative yield impacts on wheat and soybean were fully offset by CWP gains and mitigated by up to 90 percent for rice and 60 percent for maize. Similarly, Cheng *et al.* (2017) noted that increased global plant growth from 1982 to 2011 due to rising CO₂ uptake was accompanied by such large gains in CWP that despite the extra biomass global water use by plants had not increased.

Deryng *et al.* (2016) assumed that climate change would “exacerbate water scarcity”. It is noteworthy that while models predict drylands will expand under climate warming, observations show the opposite: greening is happening even in arid areas. Zhang *et al.* (2024) report that due to increased CO₂ levels

“increasing aridity in drylands won’t lead to a general loss of vegetation productivity”; increased desertification will happen in at most 4 percent of currently arid areas.

9.3 Crop modeling meta-analyses

Notwithstanding the abundant evidence for the direct benefits of CO₂ and of CO₂-induced warming on crop growth, in 2023 the U.S. Environmental Protection Agency (EPA 2023) boosted its estimate of the Social Cost of Carbon (SCC) about five-fold based in large part on a very pessimistic 2017 estimate of global agricultural damages from climate warming (Moore *et al.*, 2017). One of the two damage models used by the EPA attributed nearly half of the 2030 SCC to projected global agricultural damages based on the Moore *et al.* (2017) analysis. This study was a meta-analysis of crop model studies simulating yield changes for agricultural crops under various climate warming scenarios. Moore *et al.* projected declining global crop yields for all crop types in all regions due to warming.

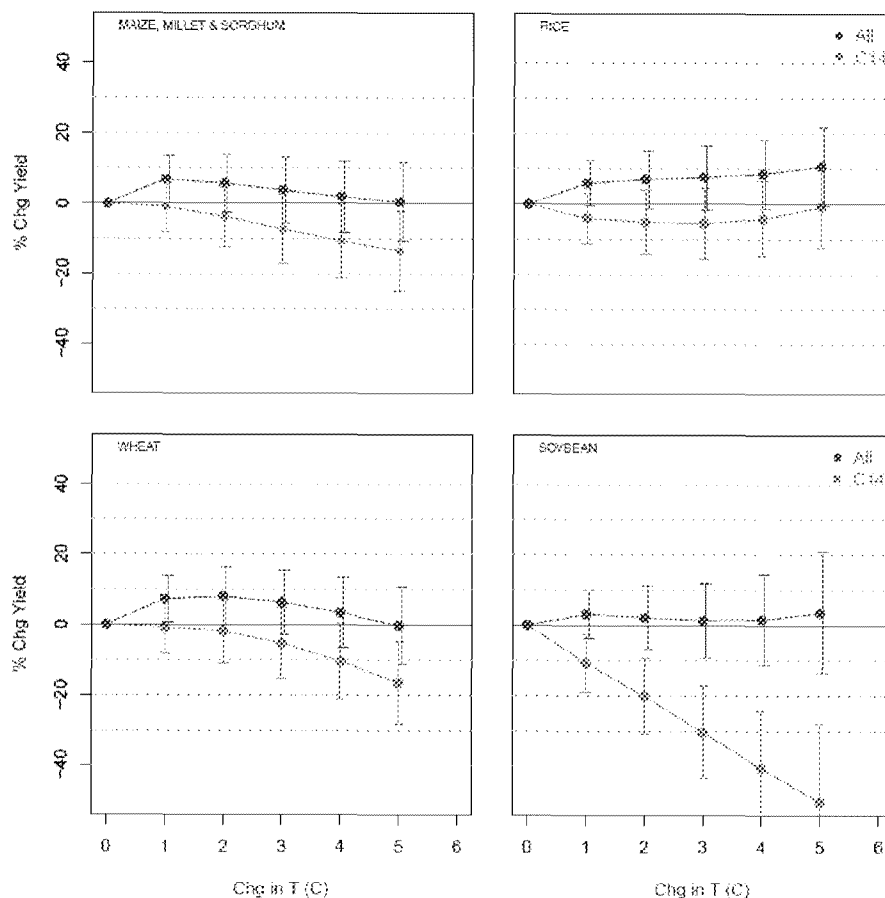


Figure 9.2 Crop yields under CO₂-induced climate warming. Blue: as published in Moore *et al.* (2017). Green: after including omitted data. Source: McKittrick (2025).

McKittrick (2025) re-examined the Moore *et al.* database and found that, while it claimed to cover 1,722 studies, only half the entries ($N=862$) had complete records, so that the sample available for regression analysis was much smaller than both studies indicated. McKittrick noted that the variable most commonly missing was the change in ambient CO₂ and found that in many cases these could be recovered from the underlying studies or the original climate scenario tables. He thereby increased the usable sample size by

40 percent. The crop yield projections incorporating the newly available data changed considerably. As shown in Figure 10.2, whereas the partial data set implied warming would decrease yield (blue lines), the complete data set implied constant or increase global yields, even out to 5°C warming (green lines).

In summary, there is abundant evidence going back decades that rising CO₂ levels benefit plants including agricultural crops, and that CO₂-induced warming will be a net benefit to U.S. agriculture.

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10 MANAGING RISKS OF EXTREME WEATHER

Chapter summary

Trends in losses from extreme weather and climate events are dominated by population increases and economic growth. Technological advances such as improved weather forecasting and early warning systems have substantially reduced losses from extreme weather events. Better building codes, flood defenses, and disaster response mechanisms have lowered economic losses relative to GDP. The U.S. economy's expansion has diluted the relative impact of disaster costs, as seen in the comparison of historical and modern GDP percentages. Heat-related mortality risk has dropped substantially due to adaptive measures including the adoption of air conditioning, which relies on the availability of affordable energy. U.S. mortality risks even under extreme warming scenarios are not projected to increase if people are able to undertake adaptive responses.

10.1 Socioeconomic context

Risks from human-caused climate change are affected by natural weather and climate variability and are dominated by the exposure of wealth in coastal and other disaster-prone regions and vulnerabilities of poorer populations. The evolution of climate risk in the U.S. has been dominated by societal factors, rather than by changes to the actual weather and climate hazards. Deaths from weather disasters have decreased substantially since 1900, even as U.S. population grew from 76 million in 1900 to over 331 million in 2020 (Goklany 2011). For example, the Galveston hurricane killed over 8,000 people in 1900 (0.01 percent of the U.S. population), whereas the worst recent disaster, Hurricane Katrina in 2005, killed 1800 people (or 0.0006 percent of the U.S. population) (NOAA National Hurricane Center 2025; U.S. Census Bureau 2025).

Technological advances have substantially reduced losses from extreme weather events. Early warning systems, satellite monitoring, and improved weather forecasting have reduced deaths, although exact numbers are hard to quantify (Deryugina and Hsiang 2023). U.S. weather forecasting has been estimated to reduce losses from weather events with an annualized benefit of \$31.5B, protecting lives, property, and supporting agriculture and transportation (NRC 2010). Improved hurricane forecasts have reduced pre- and post-landfall spending, with annual per hurricane cost reductions estimated at \$5B (Molina and Rudik 2024).

Infrastructure improvements have contributed to substantial reductions in losses from extreme weather events. Building codes, such as those implemented in Florida after Hurricane Andrew (1992), have reduced losses by ensuring structures can withstand high winds and floods. Homes built after 2002 showed minimal damage during Hurricane Michael (2018), unlike older homes (FEMA 2020). Sea walls, like the Galveston Seawall, protect against wave action and storm surge. The New Orleans Hurricane and Storm Damage Risk Reduction System successfully mitigated storm surge during Hurricane Isaac (2012) (Battelle Memorial Institute 2013). Inland dams in the U.S. help control flooding by storing excess water during heavy rains. It is estimated that the Tennessee Valley Authority (TVA) dams prevent about \$309M in annual flood damage in the TVA region and along the Ohio and Mississippi Rivers (TVA, 2025). During Hurricane Helene (2024), TVA's strategies prevented approximately \$406M in potential damages (APPA 2024).

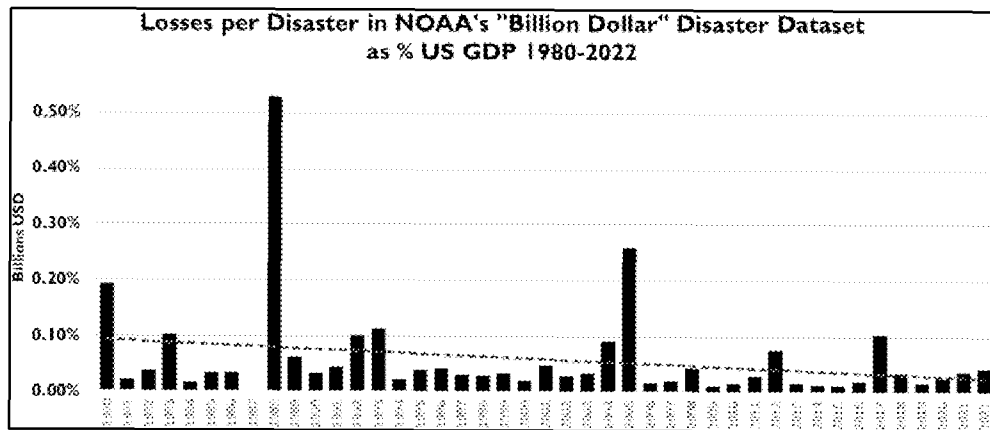


Figure 10.1: Losses per disaster in NOAA's billion-dollar disaster dataset (the version downloaded in July 2023), 1980 to 2022. Source: (Pielke, Jr. 2024)

10.2 Data challenges

Since 1980, NOAA has provided a count of annual U.S. weather-related disasters that it estimates to have exceeded \$1 Billion (inflation adjusted), showing a substantial increase starting in 2008. NOAA and other government officials have cited the upward trend in the Billion Dollar Disaster series as evidence that climate change is making extreme weather worse (Pielke Jr., 2024). But over time, population and wealth have increased dramatically in the U.S., so when an extreme weather or climate event occurs, there is more damage even if there is no underlying trend in the frequency or intensity of extreme weather. Pielke Jr. (2024) demonstrates that losses per weather disaster as a proportion of GDP have decreased by about 80 percent since 1980, as shown in Figure 10.1. Pielke Jr. (2024) also argued that in addition to relying on opaque data sources and unreported adjustments, NOAA failed to normalize its Billion Dollar Disaster data series properly for changes in population exposure and wealth. In May 2025 NOAA announced it has withdrawn the Billion Dollar Disaster product from publication (Pielke Jr., 2025).

In summary, trends in losses from extreme weather and climate events are dominated by population increases and economic growth. Technological advances such as improved weather forecasting and early warning systems have substantially reduced losses from extreme weather events. Better building codes, flood defenses, and disaster response mechanisms have lowered economic losses relative to GDP. Finally, the U.S. economy's expansion has diluted the relative impact of disaster costs, as seen in the comparison of historical and modern GDP percentages.

10.3 Mortality from temperature extremes

10.3.1 Heat and cold risks

Changes in temperature extremes are among the most certain impacts expected in a warming world. It stands to reason that extreme heat events would likely become more frequent while extreme cold events would become less frequent. This pattern is evident in the historical period though not in the continental U.S. (Chapter 6) and is expected to continue with further warming.

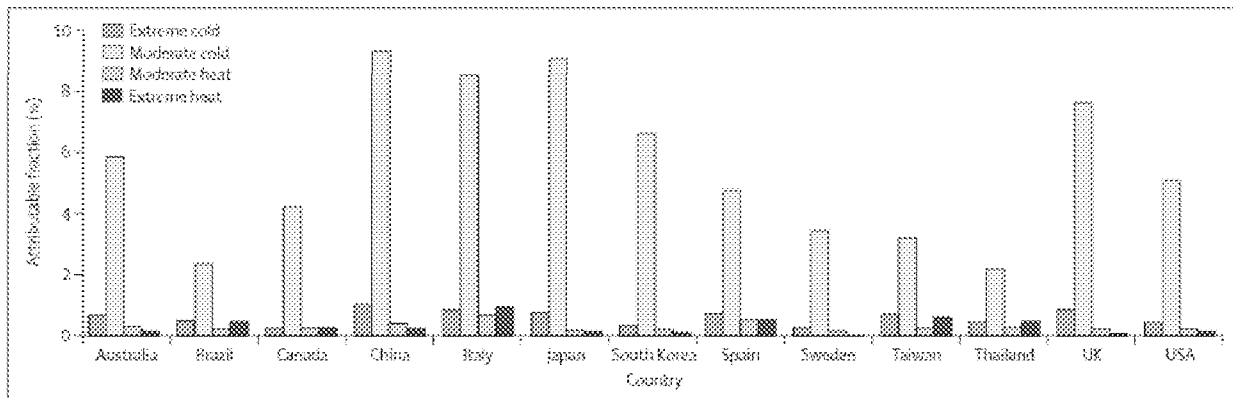


Figure 10.2. Mortality attributable to extreme and moderate cold and heat by country. Source: reproduced from Gasparini *et al.* (2015).

Mortality during heat extremes is typically caused by heat stroke and heat exhaustion, while mortality during cold extremes typically stems from hypothermia and heart strain. Global mortality is substantially greater for cold conditions than for hot conditions (Zhao *et al.* 2021, Ritchie 2024). Unlike with heat-related mortality cold-weather risks set in even at moderately cold conditions (Gasparini *et al.* 2015, Lee and Dessler 2023). The U.S. EPA (citing data from the Centers for Disease Control) reports that on average over 1999 to 2015 there were 2.2 deaths per million Americans for which cold was listed as the main underlying cause and an additional 2.4 deaths per million for which cold was listed as a contributing factor (EPA 2025). By contrast there were 1.3 deaths per million for which heat was the main cause and an additional 0.8 per million for which it was a contributor. By this metric cold accounts for approximately double the weather-related deaths as does heat.

Epidemiological methods, which consider correlational evidence not just death certificate reports, indicate the cold/warm ratio may be much higher. A 13-country study of 74 million deaths from 1985 to 2012 estimated that, on average, 7.7 percent of deaths were attributable to sub-optimal temperatures, of which 7.4 percent were attributable to cold and only 0.4 percent were attributable to heat (Gasparini *et al.* 2015). In other words, cold weather killed 18.5 times as many people as did hot weather.

Figure 10.2 shows the distribution of results from Gasparini *et al.* (2015) by country. For the United States the fraction of deaths attributable to temperature was 5.9 percent, of which 5.5 percent was due to cold, thus cold weather killed 14 times as many people as hot weather.

There is strong evidence that people adapt to weather risks. Lee and Dessler (2023) reported that 86 percent of temperature-related deaths across 40 cities in the U.S. were due to cold-related mortality, and that due to adaptation the relative risk of death declined in hot and cold cities alike as seasonal temperatures increased. Allen and Sheridan (2018) found that short, early-season cold events were 2 to 5 times deadlier than hot events, but the mortality risk of both cold and hot extremes drops to nearly zero if the events occur late in the season.

Davis *et al.* (2003) examined heat-related mortality in 28 U.S. cities from the 1960s to the end of the 1990s and found that heat-related mortality declined by three-quarters over the sample period. Bobb *et al.* (2014) examined mortality data for 106 million people in over 100 cities U.S. cities and found a 60 percent decline in average heat-related mortality over the period 1987–2005, from 51 per thousand deaths to 19. They furthermore found that the greatest drop was among seniors over the age of 75. In a study of 42 million deaths in 211 U.S. cities from 1962 to 2006, Nordio *et al.* (2015) found a more than 90 percent decline in the risk of mortality from excess heat.

In the context of large declines in heat-related mortality, by reducing mortality from cold events rising temperatures are associated with a net saving of lives.

The IPCC AR6 Working Group 2 Chapter 16.2.3.5 (O'Neill *et al.* 2022) acknowledges that heat-related mortality risk is declining over time:

Heat-attributable mortality fractions have declined over time in most countries owing to general improvements in health care systems, increasing prevalence of residential air conditioning, and behavioral changes. These factors, which determine the susceptibility of the population to heat, have predominated over the influence of temperature change.

It is both disappointing and telling to see how the IPCC misrepresents the situation in its AR6 Synthesis report. Section A.2.5 of that document states: “In all regions increases in extreme heat events have resulted in human mortality and morbidity (*very high confidence*).” But it is silent on the larger decline of deaths during extreme cold events.

The observed decline in U.S. heat-related mortality has been specifically attributed to adaptation. Wang *et al.* (2018) exploited the spatial variability of heatwave-related mortality across 209 U.S. cities from 1962 to 2006. While simple correlation appeared to imply an increase in mortality risk during heatwaves, accounting for adaptation to heatwave intensity caused the effect to fall to near zero and become statistically insignificant. They used the results of their epidemiological model to project heat-related mortality out to 2050 under four RCP warming scenarios (including RCP8.5) with and without adaptive behavior. Assuming people continue to adapt to the heatwave risks in the regions in which they live Wang *et al.* (2018) project not only no increase in heat-related mortality but an overall decrease for the U.S. as a whole. They conclude that

Ignoring adaptation would result in a substantial overestimate of future mortality related to heat waves... Accounting for adaptation, the overall heat-related mortality by 2050 would not change substantially over time compared to 2006.

10.3.2 Mortality risks and energy costs

A 2016 study of U.S. long term mortality risks associated with temperature variations (Barreca *et al.* 2016) showed that increases in mortality across the U.S. are associated with both cold weather and hot weather. But over time, the introduction of electricity and the adoption of central heating and air conditioning (AC) dramatically reduced both risks, especially those associated with hot weather. Prior to 1960, a day above 90°F (32°C) added 2.2 percent to the average mortality risk rate, but after 1960 the same weather added only 0.3 percent to mortality risk, an 85 percent reduction. Prior to 1960 temperatures below 39°F (4°C) added about 1 percent to mortality risk but after 1960 the same weather only added about half that amount. Adaptation through conventional household improvements dramatically reduced public vulnerability to weather extremes. The entire reduction in hot weather mortality was attributable to widespread adoption of indoor AC, which depended on the availability of reliable and affordable electricity.

The corollary of this finding is that the use of heating and cooling systems depends on energy being affordable. Doremus *et al.* (2022) showed that wealthy and poor households in the U.S. adjust their energy

expenditures at similar rates in response to moderate temperature swings, but not in response to extreme temperature swings. When temperatures swing to very cold levels ($< 5^{\circ}\text{C}$) energy spending in high-income households rises by 1.2 percent but in low-income households by only 0.5 percent. On very hot days ($>30^{\circ}\text{C}$) electricity spending in high-income households rises by 0.5 percent but does not change at all in low-income households. The latter result is observed even in subsamples where all households have AC. The implication is that even with widespread adoption of home heating and cooling systems, inability to afford energy leaves low-income households exposed to weather extremes.

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11 CLIMATE CHANGE, THE ECONOMY, AND THE SOCIAL COST OF CARBON

Chapter summary

Economists have long considered climate a relatively unimportant factor in economic growth, a view echoed by the IPCC itself in the AR5. Mainstream climate economics has recognized that CO₂-induced warming may have some negative economic effects but they are too small to justify aggressive abatement policy and that trying to “stop” or cap global warming even at levels well above the Paris target would be worse than doing nothing. An influential study in 2012 suggested that global warming would harm growth in poor countries, but the finding has subsequently been found not to be robust. Studies that take full account of modeling uncertainties either find no evidence of a negative effect on global growth from CO₂ emissions or find poor countries as likely to benefit from it as rich countries.

Social Cost of Carbon (SCC) estimates are highly uncertain due to unknowns in future economic growth, socioeconomic pathways, discount rates, climate damages, and system responses. The SCC is not intrinsically informative as to the economic or societal impacts of climate change. It provides an index connecting large networks of assumptions about the climate and the economy to a dollar value. Some assumptions yield a high SCC and others yield a low or negative SCC (i.e. a social benefit of emissions). The evidence for or against the underlying assumptions needs to be established independently; the resulting SCC adds no additional information about the validity of those assumptions. Consideration of potential tipping points at present does not justify major revisions to SCC estimates.

11.1 Climate change and economic growth

11.1.1 Overview: climate is a relatively minor issue for a modern economy

It has long been noted that economies tend to do poorly in very cold and very hot regions, with the optimum somewhere in between (Nordhaus, 2006). Temperature-sensitive economic activity migrates, whenever possible, to where it is best suited, and society always adapts to the local climate. Based in part on these observations, in 1992 Thomas Schelling, then President of the American Economic Association, argued that any effects of climate change on U.S. economic activity would be small relative to the many other changes that would happen.

... Manufacturing rarely depends on climate, and where temperature and humidity used to make a difference, air conditioning has intervened. When Toyota chooses among Ohio, Alabama, and Southern California for locating an automobile assembly, geographical considerations are important, but not because of climate... Finance is little affected by climate; similarly for health care, or education, or broadcasting. Transportation can be affected, but improvements in all-weather landing and take-off in the last 30 years are greater than any differences that climate makes. If the average effect is a warming, iced waterways and snow removal may decline in importance. Construction is affected, mainly by cold, and if the average effect is in the direction of warming, construction may benefit slightly.

It is really agriculture that is affected. But even if agricultural productivity declined by a third over the next half century, the per capita GNP we might have achieved by 2050 we would achieve only in 2051. ...

I conclude that in the United States, and probably Japan, Western Europe, and other developed countries, the impact on economic output will be negligible and unlikely to be noticed.

(Schelling 1992)

Thirty years later virtually the identical point was made by the IPCC itself in the Fifth Assessment Report:

For most economic sectors, the impact of climate change will be small relative to the impacts of other drivers. Changes in population, age, income, technology, relative prices, lifestyle, regulation, governance, and many other aspects of socioeconomic development will have an impact on the supply and demand of economic goods and services that is large relative to the impact of climate change.

(Arent *et al.* 2014, emphasis added)

That statement is validated by experience. Since 1900, the average global surface temperature anomaly warmed 1.3°C, about as much as the IPCC predicts will occur in the next century under a moderate emissions scenario. But even as the globe warmed and the population quintupled, humanity prospered as never before. For example, global average lifespan went from thirty-two years to seventy-two years, economic activity per capita grew by a factor of seven, and the death rate from extreme weather events plummeted by a factor of fifty!

While extreme weather events are costly, in all modern economies they are becoming steadily less and less important (Formetta and Feyen, 2019). Since 1990 weather-related disaster losses have declined as a proportion of global GDP (Pielke Jr , 2018, 2020) as have mortality risks (Formetta and Feyen, 2019). While economic weather-related insurance payouts are rising, this is fully explained by the growth in the size of the economy and the value of the insured asset stock. Past increases in episodes extreme weather have not had a significant effect (positive or negative) on the market value of insurance firms (Hu and McKittrick, 2015). Nor have past extreme weather events had a significant effect on U.S. banks' performance (Blickle *et al.*, 2021). Figure 11.1 below is illustrative. For these reasons, economists have long been reluctant to endorse attempts to “stop” climate change or even aggressively reduce GHG emissions because the costs would not be worth it. As one critic of the economics of climate policy put it:

Mainstream climate economics takes global warming seriously, but perplexingly concludes that the optimal economic policy is to almost do nothing about it... The contrast is striking. While climate science is sending out loud-and-clear messages that fossil-fuel disinvestment must start now, letting go of coal and oil and diverting resources into renewable energy technology systems, to keep warming below the 2°C limit (IPCC 2014), mainstream climate economics claims that overly ambitious climate targets will unnecessarily hurt the economy and immediate de-carbonization is too expensive. Most climate economists thus recommend humanity to just wait-and-see.

(Storm 2017)

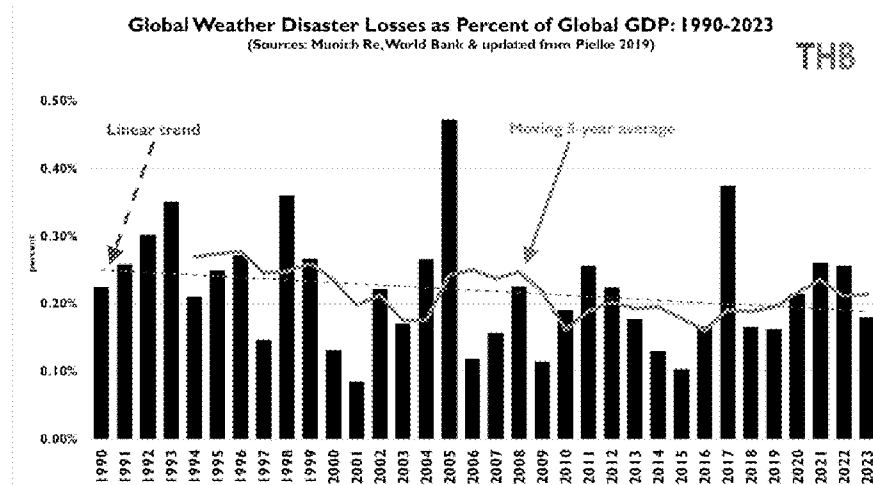


Figure 11.1 Global weather losses as a fraction of GDP. Source: Pielke Jr. (2023)

The mainstream economics position on the climate policy question is best represented by the findings over the past three decades from Integrated Assessment Models (IAMs) of climate change policy, for which Yale economist William Nordhaus was awarded the 2018 Nobel Memorial Prize in economics. IAMs combine economic, climate, and social data into a unified framework for simulating climate damages and evaluating the optimal policy response (Resources for the Future, 2025). Nordhaus' work has generally supported modest global climate policy, with aggressive measures largely deferred to later in the century. Nordhaus developed the so-called Dynamic Integrated Model of the Climate and Economy model, or DICE, in the early 1990s (Nordhaus, 1993) to study the interaction between climate change, climate policy, and global economic growth over long times. DICE assumes global emission control can be coordinated at no cost and asks what the optimal policy target should be. The climate component of the DICE model is based on simplified climatological modeling. The version of DICE at the time of Nordhaus' Nobel Prize award was described in Nordhaus (2018); it had a climate sensitivity parameter of 3.1°C for CO₂ doubling, consistent with the best estimate in contemporary IPCC reports (3.0°C).

The baseline (no policy) scenario incurs only \$0.4T in global abatement costs and leads to \$134.2T (trillion dollars) in global climate damages for a total cost of \$134.6T. The climate model component of DICE projects 4.1°C warming by 2100 relative to preindustrial temperatures. Note that this is a higher estimate of warming than many IPCC climate models.

The Optimal Policy scenario barely deviates from the business-as-usual path. It aims for +3.5°C warming, in other words we modestly scale back fossil fuel use and otherwise just live with almost all the warming. This suggests that most CO₂ emissions are less harmful than the policies that would be necessary to abate them. Trying to prevent warming causes costs quickly to outstrip the benefits. Pursuing a goal of capping warming at 2.5°C creates total costs of \$177.8T, which is \$43.2T worse than doing nothing at all. Nordhaus didn't evaluate trying to reach a Paris-type target of 1.5°C warming but it would be even worse.

A subsequent edition of DICE includes higher assumed damages from warming which, not surprisingly leads to more aggressive policy recommendations, as explained in the section below on the Social Cost of Carbon.

11.1.2 Empirical analysis of climate change and economic growth

Many other studies have used econometric methods applied to historical data, instead of IAMs, to study the potential impact of climate change on economic growth. Dell *et al.* (2012, herein DJO12) was an influential study that used a multi-country panel of national-level data spanning 1950 to 2005, in which they matched climate and economic data by averaging temperature from the local grid cell level up to the national level using population weights. They found that warming yields an insignificant positive effect on income growth in rich countries but a significant negative effect in poor countries. Moore and Diaz (2015) modified the DICE model to take that finding into account and concluded that it implied a dramatically higher Social Cost of Carbon due to the compounding effects of income loss over time.

A large subsequent literature has debated the robustness of the DJO12 findings. Burke *et al.* (2015) analyzed a global panel with temperatures averaged up to the national level and found a negative effect on growth from warming in rich and poor countries alike when the national average temperature is above 13°C. Zhao *et al.* (2018) used the G-Econ data set of Nordhaus (2006), which breaks economic activity down to the grid cell level, replicated DJO12-type results on the same subset of countries as used in DJO12 but then showed that on the full global sample warming increases growth in rich countries and poor countries alike, though the positive effect in the latter group is confined to where local temperatures are below about 16°C. Greßer *et al.* (2021) developed a regional economic data set for 1,542 sub-national regions around the world between 2005 and 2015 and found temperature had no effect on growth. Yang *et al.* (2023) updated the DJO12 data set and applied an estimator robust to mixed sample frequencies, finding that while temperature shocks exerted a temporary effect on income levels, they did not have a significant lasting effect on growth rates.

Newell *et al.* (2021) noted that there is no underlying theory to guide econometric model specification in this literature. Taking into account the arbitrary choices of which explanatory variables to include they identified over 800 possible model specifications. Using the Burke *et al.* (2015) data they used an estimation method that accounts for model uncertainty and found that the model form preferred by Burke *et al.* (2015), which implied negative effects of warming on growth even in rich countries, is explicitly excluded by the optimal model selection algorithm. Overall they could not detect a temperature effect on GDP or GDP growth, and they estimated the 95 percent confidence interval for the impact on global growth as of 2100 even under the exaggerated RCP8.5 warming scenario spans –86 percent to +388 percent. In other words the net effect is likely positive but too uncertain to distinguish from zero.

Barker (2023) criticized the DJO12 assumption that countries can be grouped into fixed “poor” and “rich” categories based on their incomes many decades ago. He noted that many countries were once poor but became rich over time, and if this is considered the original temperature effects reported by Dell *et al.* became small and insignificant.

Berg *et al.* (2023) argued that countries shouldn’t be grouped into large Rich/Poor categories because they are too heterogeneous. They instead estimated country-specific temperature response coefficients then grouped countries with similar response coefficients into small panels. They separately estimated responses to global and idiosyncratic local temperature shocks to better identify the climate signal in weather data. Overall, they found countries experiencing negative effects of warming on growth outnumbered those experiencing positive effects, but only temporarily: eventually the effects reverse such that about twice as many countries experience a net positive growth effect. They also found global (as opposed to local) temperature changes are much more likely to benefit growth in poor countries than rich ones. In a simulation to 2100, even using the extreme RCP8.5 scenario they computed the average global GDP loss would be only 1.9 percent compared to a scenario with no warming. That is, instead of the economy growing 400 percent it would grow 392%. The implication of Nordhaus’ earlier analysis is that trying to prevent the warming would lead to far less than 392 percent growth.

To summarize, economists have long considered climate a relatively unimportant factor in economic growth, a view echoed by the IPCC itself in the Fifth Assessment Report. Mainstream climate economics

has recognized that CO₂-induced warming may have some negative economic effects but they are too small to justify aggressive abatement policy, and trying to “stop” or cap global warming even at levels well above the Paris target would be worse than doing nothing. An influential study in 2012 suggested that global warming would harm growth in poor countries but the finding has subsequently been found not to be robust. Studies that take full account of modeling uncertainties either find no evidence of a negative effect on global growth from CO₂ emissions or find poor countries as likely to benefit from it as rich countries.

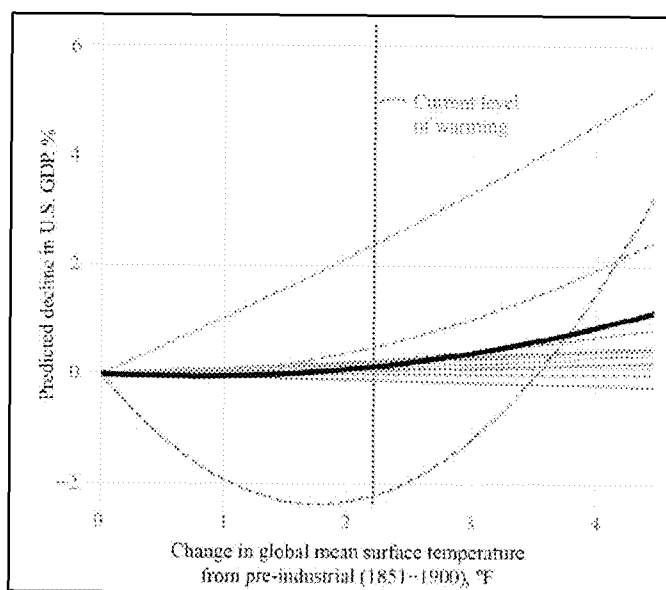


Figure 11.2: Decline in U.S. GDP per degree of warming. Source: CEA-OMB (2023)

The expectation that significant global warming would have a small impact on the U.S. economy was acknowledged quietly by the Biden Administration, even as the President was proclaiming a climate emergency. Figure 11.2, from a 2023 CEA-OMB report, shows the expected decrement in U.S. GDP as a function of temperature rise. The colored lines show the results of a dozen peer-reviewed published studies while the solid black line is their average. The figure could be summarized as “a few percent impact for a few degrees of warming”. Given that the economy’s annual growth rate is expected to be 1-2 percent, the impact of a warming globe is indeed negligible.

11.2 Models of the Social Cost of Carbon

The Social Cost of Carbon (SCC) is a tool for quantifying the economic impact of carbon dioxide emissions, helping policymakers weigh the costs and benefits of climate policies. It estimates the damage caused by emitting one additional ton of CO₂, expressed in dollars. More formally, the SCC is the discounted present value of the current and future marginal loss of economic welfare due to an additional ton of CO₂ entering the atmosphere.

11.2.1 Estimating the SCC

Although the literature refers to “estimates” of the SCC, it is not estimated in the way other economic statistics are estimated. For instance, data on market transactions including prices and quantities can be used to estimate the current inflation rate or the growth rate of per capita real Gross Domestic Product, and

there are well-understood uncertainties associated with these quantities. But there are no market data available to measure many if not most of the marginal damages or benefits believed to be associated with CO₂ emissions, so these need to be imputed using economic models.

For example, an influential component of some SCC calculations is the perceived social cost associated with changed risk of future mortality due to extreme weather. There is no market in which people can directly attach a price to that risk. At best economists can try to infer such values by looking at transactions in related markets such as real estate or insurance, but isolating the component of price changes attributable to atmospheric CO₂ levels is very difficult.

Economists use IAMs to compute the SCC. Two of the best known are the Climate Framework for Uncertainty, Negotiation and Distribution (“FUND”, Tol 1997) and Nordaus’ DICE. IAMs embed a “damage function” or set of functions relating ambient temperature to local economic conditions. The assumptions embedded in the damage function will largely determine the resulting SCC. IAMs also assume a long-term discount rate or, as in DICE, compute the optimal internal discount rate as part of the solution.

One approach to developing a damage function is to begin with estimates of the costs (or benefits) of warming in specific sectors in countries around the world and aggregate up to a global amount. This was the approach used in FUND. An alternative approach is to develop a simple equation that penalizes global income according to a simple quadratic function of the average global temperature. This approach was used in DICE. In the case of the FUND model many hundreds of parameters had to be selected, whereas in DICE only three were needed and were originally chosen to assign a predetermined penalty (1.2%) to global output as of 3°C warming, with a quadratic term implying that damages grow with the square of the global average temperature anomaly. Barrage and Nordhaus (2024) recently changed the parameters to increase the penalty at 3°C to 1.6%, and added a discrete additional 1.0 percent GDP penalty at 3°C warming to account for “tipping points” (discrete large-scale environmental changes triggered by crossing a warming threshold) and a “judgmental adjustment” of 0.5 percent for excluded impacts at 3°C warming. Not surprisingly the newer version of DICE generates much higher SCC estimates than before.

The concepts of estimation and uncertainty do not readily apply to SCC calculations. By comparison, the question of whether precipitation has trended up or down along the South Carolina coast for the past hundred years can be addressed by collecting rainfall data, estimating a trend parameter and calculating statistical confidence intervals using methods with well-understood mathematical properties. In this way uncertainty can, in principle, be resolved by collecting more data and applying more accurate methods. But no amount of data collection can change the fact that many components of the SCC are unknown and rely on judgment and opinion based on knowledge of the underlying literature on the physical effects of climate change.

SCC calculations are thus best thought of as “if-then” statements: *if* the following assumptions hold, *then* the SCC is \$X per tonne. The list of ‘if’ statements includes the premise that the world’s climate and economy work according to the representation in the IAM. One way this may fail to hold is in the timing of warming. Every IAM assumes a value of the Equilibrium Climate Sensitivity (ECS), which controls the amount of warming that results from CO₂ emissions and can be freely varied for the purpose of generating a distribution of SCC values associated with uncertainties over ECS. But as Roe and Baumann (2013) pointed out, time-to-equilibrium increases with the square of ECS, so an upward adjustment of the ECS parameter without an appropriate slowing down of the adjustment process can yield distorted present value damage estimates. In particular, the upper tail of warming associated with some commonly-used ECS distributions is physically impossible for even a thousand years into the future (Roe and Baumann 2013) yet in an IAM would be realized within a couple of centuries. Failure to align ECS with time-to-equilibrium will lead to an overestimate of the SCC value.

11.2.2 Variations in the SCC

Every level of the IAM calculation includes assumptions, some more influential than others. Key assumptions include the following.

- The discount rate: Climate damages accrue over a long time horizon and costs a century or two in the future need to be discounted to the present. The higher the discount rate the smaller the present value of future damages and vice versa. The discount rate represents the opportunity cost of spending money today rather than investing it and then having more to spend tomorrow. Some economists have argued for the use of very low discount rates in SCC calculations, resulting in policy recommendations that favor relatively large immediate investments in CO₂ emission reductions. The downside is that other investments could potentially earn a larger rate of return for society.
- Equilibrium Climate Sensitivity: IAMs have customarily employed a value of 3.0°C or 3.1°C following the IPCC's guidance. Empirically-estimated ECS values tend to be lower than this (see Chapter 9). Dayaratna *et al.* (2017, 2020, 2023) have shown that use of lower empirically-derived ECS values dramatically lower the resulting SCC estimate, even when low discount rates are used.
- Damage function coefficients: IAMs assume CO₂ and warming cause net harms that increase exponentially with temperature. More recently, IAMs have also incorporated effects from assumed potential climate tipping points. The FUND model took limited but explicit account of CO₂ fertilization effects in agriculture. Since the coefficients were selected prior the publication of the current evidence of global greening and the magnitude of benefits to crops from elevated CO₂ (see Chapters 2 and 10) the growth effects are likely understated. The DICE model (and others) did not explicitly include any CO₂ fertilization benefit, except to the extent it was taken into account in the literature consulted when picking the damage function coefficients. The damage function in FUND contains a region in which low warming yields net benefits in many regions, a finding which is supported by econometric models of warming and growth (Berg *et al.* 2023) and econometric simulations of agricultural changes (McKittrick 2025). The DICE damage function, by construction, rules out net benefits at any warming level.
- Emission scenarios: IAMs generate SCC estimates that increase as the pre-existing concentration of CO₂ increases. Consequently the value of damages later in the century will be higher, depending on the assumed baseline emissions over the coming decades.
- Abatement costs: IAMs represent the cost to the economy of reducing CO₂ emissions. If CO₂ emission reductions are assumed to be inexpensive, then the model will conclude that the optimal policy should aim for deeper emission cuts and vice versa.

It is informative to ascertain whether SCC results are invariant to changes in some assumptions. But when different assumptions result in higher or lower SCC values, the change in the SCC value does not provide *prima facie* evidence about the validity of the assumptions. For example, in 2023 the U.S. Environmental Protection Agency raised its preferred SCC value about 5-fold over the estimates it had issued ten years earlier. This is not because new data had been collected or better mathematical methods had been invented, but because new assumptions had been used, and the validity of those assumptions was a separate question. One was that global agricultural damages were far higher than previously assumed, based on an analysis in Moore *et al.* (2017). But as discussed in Chapter 10, McKittrick (2025) showed that Moore *et al.* (2017) had used a database in which half the CO₂ change observations were missing. When as many of those observations as possible were recovered from underlying sources and the analysis was rerun, the projected crop yield losses disappeared and turned into gains at all warming levels. Hence the portion of the EPA's SCC revision attributable to agricultural yield losses was unwarranted.

11.2.3 Evidence for low SCC

Chapter 2 reviewed evidence on climate change and greening, and Chapter 9 looked at climate change and U.S. agriculture. Evidence shows that CO₂ fertilization has a stronger beneficial effect on agriculture than was known at the time that IAMs like DICE and FUND were parameterized. In particular Haverd *et al.* (2020) found the observed CO₂ fertilization rate has been almost double what had been predicted by crop models. Dayaratna *et al.* (2023) used the updated empirical ECS distribution estimate of Lewis (2022), which assimilates modern instrumental and paleoclimatic temperature records, and allowed for a 30 percent gain in the CO₂ fertilization benefit in the FUND model, and found that, even at a low discount rate of 2.5 percent, the median SCC as of 2050 is only \$18.67, with a 24 percent probability of the true value being negative. At a five percent discount rate the median SCC value is negative until the mid-2040s and at 2050 was only \$0.37 with a 49 percent probability of being negative. Thus, under reasonable assumptions a mainstream IAM using updated scientific inputs yields evidence consistent with the SCC not being significantly greater than zero.

It should also be noted that the SCC is focused on the social costs of CO₂ emissions from fossil fuel use. It does not measure the private marginal benefits to consumers and society from the availability of fossil fuels. Public willingness to pay for fuels of all types indicates the value to society of reliable, abundant fossil energy. Tol (2017) estimates that the private benefit of carbon is large relative to the social cost. This can be illustrated by noting that the price of a gallon of gas indicates the marginal value to the consumer of the fuel. Suppose we assume a relatively high Social Cost of Carbon of, say, \$75 per tonne. Deflated by a MCPF³ value of 1.5 that would result in a carbon tax of \$50 per tonne, which equates to about 44 cents per gallon of gas (Lavelle, 2019). A pre-tax price of \$3.00 per gallon would imply the marginal social benefit of the fuel is nearly seven times the marginal social cost.

11.2.4 Tipping points

SCC calculations typically consider gradual impacts of a warming climate, such as slowly-melting glaciers and increasing average temperature. A driver of potentially high values of the Social Cost of Carbon (SCC) is the introduction into models of discrete catastrophic outcomes associated with abrupt changes (Dietz *et al.*, 2021). They are often referred to as “tipping points.”

The term “tipping point” mingles two different physical concepts that pose different research challenges. Many physical systems are inherently stable unless acted upon with sufficient external energy. For example an ice cap might remain intact over a wide range of temperatures but once the temperature crosses the 0°C threshold it melts. Such discontinuities are ubiquitous in nature and require an external force. Whether the force needs to be large relative to the size of the system depends on the underlying stability of the system.

A different type of tipping point is called a *bifurcation* and arises from the study of the internal dynamics of nonlinear systems (Crawford, 1991). Many systems have been observed to have more than one equilibrium point and can move between them with minimal or no external influence. For example, a weather system might have two different equilibrium states: one calm and one with a tornado. A transition from one to another can happen either with no external force or with a minuscule change, such as a flap of the proverbial butterfly’s wings (Shen *et al.* 2014). The term “tipping point” is sometimes used to mean a bifurcation of this type and implies instability inherent in the system itself, which is not necessarily dependent on outside forces. It depends, instead, on parameters of the system taking values that support the emergence of bifurcations (Crawford, 1991).

The two different concepts imply different research questions. Regarding the first we are interested in whether components of the climate system are susceptible to abrupt discontinuities in response to

³ Marginal Cost of Public Funds: the optimal carbon tax rate is the SCC divided by the MCPF (Sandmo 1977).

sufficiently-large anthropogenic forcing. Regarding the second we are interested in whether the Earth's climate system has inherent bifurcations that imply the possibility of abrupt transitions with or without external forcing.

Models have been developed that imply the latter is a possibility. Kypke *et al.* (2020) presented a simple climate model in which the GHG concentration is one of the parameters that controls the emergence of bifurcations of the Arctic climate to one with both cold and warm equilibria. If sufficiently high GHG forcing combined with a sufficiently high rate of ocean heat transport are imposed a bifurcation becomes possible. More generally GCMs have been observed to contain bifurcations and multiple equilibria (Brunetti and Ragon, 2023).

The possible existence of bifurcations in the Earth's climate system implies abrupt transitions are possible, not just in response to large forcing but also to small perturbations. This places tipping points into the category of low-likelihood and potentially catastrophic events, such as large meteor strikes. A key question to ask is whether those kinds of tipping points can be predicted. Current research has not resolved that question (Dakos *et al.*, 2024) and indeed may not be able to since one implication of the “butterfly effect” is the existence of predictability boundaries of nonlinear systems (Palmer *et al.*, 2014). It is therefore not obvious how to incorporate such possibilities into SCC calculations. Small variations in assumptions will lead to arbitrarily large variations in the resulting SCC with no grounds for choosing among them. If such tipping points are possible the most appropriate stance for economic policy is to maximize resilience to any form of external catastrophe since it is unlikely we could predict it or prevent it from happening.

The IPCC AR6 (Chapter 1) focuses mainly on the first type of tipping point, namely an abrupt change in response to external forcing. This is also the meaning associated with popular usage of the “tipping point” concept in discussions of climate change (see <https://report-2023.global-tipping-points.org/what-is-a-tipping-point/> for example). As summarized by the IPCC AR6, there is evidence of abrupt change in the paleoclimate record, and some of these events have been interpreted as tipping points. Some projections with Earth System Models for example have produced tipping points such as Amazon forest dieback in response to specified values of CO₂ concentration or temperature increases.

The alarm surrounding climate tipping points is reflected by *The Global Tipping Points Report* that was launched at the COP28 on 6 December 2023 (Lenton *et al.*, 2023). It identifies more than 25 parts of the climate system said to constitute tipping points. What gets classified as a climate “tipping point” is a moving target. The most common examples in the literature and assessment reports include: Greenland ice sheet disintegration, West Antarctic ice sheet disintegration, summertime disappearance of Arctic sea ice, Amazon rainforest dieback, coral reef dieoff, thawing of permafrost and methane hydrates, Atlantic Meridional Overturning Circulation collapse, boreal forest shift, West African monsoon shift, and Indian Monsoon shift.

All such tipping points require a certain amount of system instability in order to exhibit an abrupt transition in response to warming. For this reason there seems to be very little to discriminate between a tipping event and natural climate variability. Natural climate variability has in the past produced shifts in the West African and Indian monsoons, Amazon forest and coral reef dieback, and disintegration of the Greenland and West Antarctic ice sheets. These impacts can be reversed on the decadal timescales associated with natural climate variability and ecosystem responses.

Some abrupt changes are potentially more consequential, including collapse of the West Antarctic ice sheet and collapse of the Atlantic Meridional Overturning Circulation (AMOC). The IPCC AR6 WG1 Summary for Policy Makers states:

The Atlantic Meridional Overturning Circulation is very likely to weaken over the 21st century for all emission scenarios. While there is high confidence in the 21st century decline, there is only low

confidence in the magnitude of the trend. There is medium confidence that there will not be an abrupt collapse before 2100. (C.3.4)

There is limited evidence for low-likelihood, high-impact outcomes (resulting from ice-sheet instability processes characterized by deep uncertainty and in some cases involving tipping points) that would strongly increase ice loss from the Antarctic Ice Sheet for centuries under high GHG emissions scenarios (e.g., SSP5-8.5). (B.5.2)

For the purpose of SCC calculations the research question implied by this type of tipping point is whether such events have been observed in the past in climate conditions similar to what we currently experience or will in the near future. The IPCC AR6 finds little evidence for impending collapse of the Atlantic Meridional Overturning Circulation or the West Antarctic ice sheet. It finds there is no tipping point associated with Arctic Sea ice (AR6 Technical Summary p. 76)

Dietz *et al.* incorporated several potential tipping points (abrupt changes) into an SCC model and found they added about 25 percent to the estimate, mainly associated with thawing permafrost and release of methane hydrates. However the IPCC considers this scenario *very unlikely* (AR6 Technical Summary p. 107).

In summary, there may be unknown bifurcation tipping points that are associated with natural climate processes, but this possibility does not translate into specific guidance on the SCC. There are potential abrupt change points in the climate system in response to warming, although the IPCC assigns low probabilities to most, including the largest ones. When these have been taken into account the result is only a modest increase in the SCC value in the 21st century.

11.2.5 Are there alternatives?

It is increasingly being argued that the SCC is too variable to be useful for policymakers. Cambridge Econometrics (Thoung, 2017) stated it's "time to kill it" due to uncertainties. The UK and EU no longer use SCC for policy appraisal, opting for "target-consistent" carbon pricing (UK Department for Energy Security and Net Zero 2022, Dunne 2017). However, the uncertainty of SCC estimates doesn't mean that other regulatory measures are inherently better or more efficient. Many emissions regulations (such as electric vehicle mandates, renewable energy mandates, energy efficiency regulations and bans on certain types of home appliances) cost far more per tonne of abatement than any mainstream SCC estimate, which is sufficient to establish that they fail a cost-benefit test.

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12 GLOBAL CLIMATE IMPACTS OF U.S. EMISSIONS POLICIES

Chapter Summary

U.S. policy actions are expected to have undetectably small direct impacts on the global climate and any effects will emerge only with long delays.

12.1 The scale problem

The emissions rates and atmospheric concentrations of criteria air contaminants are closely connected because their lifetimes are short and their concentrations are small; when local emissions are reduced the local pollution concentration drops rapidly, usually within a few days. But the global average CO₂ concentration behaves very differently, since emissions mix globally and the global carbon cycle is vast and slow. Any change in local CO₂ emissions today will have only a very small global effect, and only with a long delay.

Following the emission of a pulse (release) of CO₂ into the atmosphere only about 40 ± 15 percent of the emitted CO₂ will have been sequestered after twenty years. That fraction rises to 75 ± 10 percent after a thousand years, and the remainder will be gradually removed over the ensuing tens of thousands of years (Ciais *et al.*, 2013, pp. 472-473). Consequently, any reduction in U.S. emissions would only modestly slow, but not prevent, the rise of global CO₂ concentration. And even if global emissions were to stop tomorrow, it would take decades or centuries to see a meaningful reduction in the global CO₂ concentration and hence human influences on the climate.

Reducing the atmospheric stock of CO₂ would require emissions to fall below the natural sequestration rate, assuming the entire increase is anthropogenic. Since that rate has been averaging about 50 percent of emissions in recent decades, a reduction of global emissions by 50 percent would (at least temporarily) halt the rise in atmospheric CO₂. The 1997 Kyoto Protocol proposed to cap industrial nations' CO₂ emissions at a modest five percent below 1990 levels by the year 2012. Even though this policy was too difficult for most nations to implement, full compliance would not have substantially reduced atmospheric CO₂ levels. It would only have slightly slowed CO₂ growth, reaching the projected year 2100 level in 2105 instead (Wigley, 1998). Lomborg (2016) estimated that full compliance with the Paris Accord would not stop warming, it would only prevent about 0.1C warming and delay hitting the baseline year 2100 temperature levels by about a decade.

Thus, in contrast with conventional air pollution control, even drastic local actions will have negligible local effects, and only with a long delay. The practice of referring to unilateral U.S. reductions as “combatting climate change” or “taking action on climate” therefore reflects a profound misunderstanding of the scale of the issue.

12.2 Case study: U.S. motor vehicle emissions

The scale problem can be illustrated with reference to U.S. motor vehicles. The EPA's 2009 Endangerment Finding focused on CO₂ emissions from cars and light-duty trucks in the U.S. because Section 202(a) of Clean Air Act mandates the EPA to set emissions standards for motor vehicles if pollutants are found to endanger public health or welfare. The 2009 Endangerment Finding therefore obligated the EPA to regulate emissions from new motor vehicles, ostensibly to reduce or eliminate climate-related harms to the U.S. public.

Two questions that naturally arise are: (1) How large a reduction in CO₂ emissions would result from such regulation? and (2) What would be the climate impact of such regulation?

The first question can be addressed by comparing U.S. vehicle-based CO₂ emissions to the global total. The second question can be addressed by using the fact that the reduction in global warming would be, according to the models relied upon by the EPA, proportional to the reduction in global emissions, keeping in mind that the change in the CO₂ content of the atmosphere in any given year is the result of total global CO₂ emissions, not just U.S. emissions.

In 2022, the emissions from U.S. cars and light duty trucks totaled 1.05 billion metric tons of carbon dioxide (GtCO₂, EPA 2024). Meanwhile global CO₂ emissions from energy use totaled 34.6 GtCO₂ (Energy Institute 2024). Hence U.S. cars and light trucks account for only 3.0 percent of global energy-related CO₂ emissions. To a first approximation we can say that even eliminating all U.S. vehicle-based emissions would retard the accumulation of CO₂ in the atmosphere by a year or two over a century.

It would also reduce the overall warming trend by at most about 3 percent. For the period 1979-2023, which has the most extensive global coverage of a variety of weather data types, warming trends are determined to a precision of about ± 15 percent, so the impact of reducing the rate of global warming by eliminating U.S. vehicle CO₂ emissions would be far below the limits of measurability. Given that global-average temperature is the most direct climate change metric, impacts on any secondary climate metrics (e.g. severe weather, floods, drought, etc.) from reducing U.S. vehicle CO₂ emissions would be even less measurable.

Consequently, in contrast to the case of local air contaminants like particulates and ozone, even the most aggressive regulatory actions on GHG emissions from U.S. vehicles cannot be expected to remediate alleged climate dangers to the U.S. public on any measurable scale.

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GLOSSARY

2XCO2: Doubling of the atmospheric carbon dioxide (CO₂), a commonly used baseline for addressing climate change. In 2025, atmospheric CO₂ concentrations were approximately 50 percent of the way to 2XCO₂ compared to 1800.

ABATEMENT: In the context of environmental policy, the reduction of emissions.

ACE (Accumulated Cyclone Energy): A statistical measure of a tropical cyclone's energy accumulated over its lifetime, calculated from a summation of the square of maximum sustained wind speeds.

ACIDIFICATION: A commonly used term for the reduction in ocean pH from more alkaline to less alkaline values.

ACRIM (Active Cavity Radiometer Irradiance Monitor) GAP: the gap in total solar irradiance data between 1989 and 1991 caused by a delay in the launch of a satellite-borne monitor in time to overlap and intercalibrate with the prior system.

AEROSOLS: Tiny solid or liquid particles suspended in the air.

ALKALINE: Having a chemical pH greater than 7.0. The “opposite” of acidic, which means a pH less than 7.0.

AMBIENT: Relating to the immediate surroundings of something.

AMO: Atlantic Multidecadal Oscillation, a 60-year cycle of sea surface temperatures in the North Atlantic.

ANTHROPOGENIC: Created by humans.

AR (Assessment Reports): Periodic assessments published by the Intergovernmental Panel on Climate Change evaluating current knowledge of the climate system, global change, and associated issues. An AR now consists of reports from three working groups, the first (WG1) concerned with physical science and the others concerned with societal impacts and mitigation strategies. The most recent was the AR6.

ATTRIBUTION: Assertion of a causal relation, chiefly from anthropogenic GHG emissions to observed climate patterns.

AUTOCORRELATION: The phenomenon in which the current value of a random time series variable is correlated with its value in a previous time period.

BIOMASS: The total quantity or weight of organic matter in a given area or volume.

CARBON: The 6th element in the periodic table. Popularly used as a shorthand term for carbon dioxide.

CMIP (Coupled Model Intercomparison Project): The Intergovernmental Panel on Climate Change's organized effort to compare many different global ocean-atmosphere climate models when they are all forced with the same emissions scenario(s). The two most recent were the CMIP5 and CMIP6 for, respectively, AR5 and AR6.

CONUS: The contiguous 48 U.S. states.

DICE (Dynamic Integrated model of the Climate and Economy): An Integrated Assessment Model developed by William Nordhaus in 1993.

DISCOUNT RATE: The interest rate used to convert future costs and benefits into their present value. Varies inversely with present value so a high discount rate reduces the present value of future costs and benefits.

DRY ICE: Frozen carbon dioxide.

ECONOMETRICS: The branch of economics concerned with the use of statistical methods (chiefly multiple regression) to analyse economic systems.

ECS (Equilibrium Climate Sensitivity): The total amount of eventual global-average surface warming in response to a hypothetical doubling of the atmospheric CO₂ concentration compared to pre-Industrial levels.

EL NIÑO: The warm phase of the El Niño – Southern Oscillation, involving weaker upwelling of cold water off the South American coast and weaker Pacific trade winds.

EMISSIONS SCENARIO: An assumed scenario of future greenhouse gas emissions (or resulting atmospheric concentrations) based upon assumptions regarding global economic activity, the prevalence of fossil fuel use, and (sometimes) global carbon cycle model estimates of the rate of CO₂ uptake by land and ocean.

ENDANGERMENT FINDING (EF): The 2009 finding by the Administrator of the Environmental Protection Agency that emissions of well-mixed greenhouse gases (primarily CO₂) endanger human health and welfare.

ENSO: El Niño – Southern Oscillation, a prominent natural climate fluctuation involving year-to-year variations in the upwelling of cold water off the equatorial coast of South America and associated strengthening or weakening of trade winds across the Pacific Ocean.

FACE: (Free-Air CO₂ Enrichment) Large-scale open-air studies that expose plants to elevated CO₂ levels, simulating future climate scenarios.

FOSSIL FUEL: A natural hydrocarbon fuel such as coal, oil, or natural gas formed in the geological past from the remains of living organisms.

FUND (Framework for Uncertainty, Negotiation, and Distribution): An Integrated Assessment Model developed by Richard Tol in 1997.

GBR (Great Barrier Reef): The world's largest coral reef ecosystem located off the northeast coast of Australia.

GDP (Gross Domestic Product): Total market value of all the final goods and services produced within a country's border, usually over one year.

GHCN (Global Historical Climatology Network): A time-varying number of globally distributed weather stations making hourly, daily, or monthly measurements of precipitation, temperature and sometimes snowfall and snow depth.

GLOBAL GREENING: The satellite-observed increase in greenness in most vegetated land areas observed since the early 1980s.

GNP (Gross National Product): Total market value of all the final goods and services produced by the citizens of a country, including exports and imports, usually over one year.

GDP (Gross National Product): Total market value of all the domestically-produced final goods and services produced by the citizens of a country, usually over one year.

GREENHOUSE EFFECT (GHE): The tendency for any planetary atmosphere containing greenhouse gases to be warmer in the lowest layers than if those gases did not exist.

GREENHOUSE GAS (GHG): An atmospheric gas that absorbs and emits infrared radiation, especially water vapor, CO₂, and methane.

HURST PHENOMENON: See long term persistence.

HYDROLOGY: The study of the movement of water, especially on land and in the atmosphere.

IAM (Integrated Assessment Model): A computerized tool that combines economics, climate science, and social sciences to provide quantitative relationships between human and Earth systems, helping to inform policy decisions.

IEA (International Energy Agency): A Paris-based intergovernmental organization, established in 1974, that provides policy recommendations, analysis and data on the global energy sector.

IPCC (Intergovernmental Panel on Climate Change): A panel of international experts and governmental representatives established by the United Nations and World Meteorological Organization in 1988 to provide governments at all levels with scientific information that they can use to develop climate policies.

IR (Infrared): Heat radiation that all solid objects and greenhouse gases emit by virtue of their temperature.

LA NIÑA: The cool phase of ENSO, involving stronger upwelling of cold water off the South American coast and stronger Pacific trade winds.

LONG TERM PERSISTENCE (LTP, or HURST PHENOMENON): A form of autocorrelation in which random fluctuations induce long term but not permanent changes in the mean value of a series, which shows up in some climate data series as cyclical or trending patterns on short time scales.

MAIZE: Corn.

MODEL: A computer code or collection of codes which quantify our knowledge of various processes and the interactions between those processes.

MORTALITY: Death or number of deaths, usually expressed for a specific population and period.

NCA (National Climate Assessment): A periodic report mandated by the Global Change Research Act of 1990 summarizing the impact of climate change on the United States. There have been five NCA reports: NCA1 (2000), NCA2 (2009), NCA3 (2014), NCA4 (2017-18), and NCA5 (2023).

OECD (Organization for Economic Cooperation and Development): A group of 38 member countries that have a democratic system of government and free economic systems.

PALEOCLIMATE: Climate of the distant past, before modern weather instruments were widely used (typically pre-1850), necessitating the use of “proxy” measurements such as tree rings, ice core, pollen records, etc.

PDI (Power Dissipation Index): A statistical estimate of the accumulated destructive potential of a tropical cyclone over time, calculated as a summation of the cube of the maximum sustained wind speeds.

PDO: Pacific Decadal Oscillation, a recurring ocean-atmosphere interaction centered over the Pacific basin associated with predominantly warm or cool patterns that influence the global climate.

PHOTOSYNTHESIS: The process by which plants grow, requiring carbon dioxide, water, and light at sufficiently warm temperatures (10 to 35 deg. C for optimal function).

PPM: Parts per million, a measure of the concentration of a substance in (for example) the atmosphere

PRE-INDUSTRIAL: The near-term historical period before which human greenhouse gas emissions were considered significant, usually assumed to be the mid-1700s.

RADIATIVE FEEDBACK: A change in the balance between absorbed solar radiation and emitted infrared (IR) radiation, referenced to the top of the atmosphere, caused by changes in surface temperature.

RADIATIVE FORCING: The change in the balance between absorbed solar radiation and emitted infrared (IR) radiation, referenced to the top of the atmosphere, caused by changes in greenhouse gases, anthropogenic aerosols, volcanoes, etc.

RCP (Representative Concentration Pathway) SCENARIOS: Different scenarios for future greenhouse gas emissions and their impact on the atmosphere, introduced in the IPCC's Fifth Assessment Report (AR5). RCP scenarios have a number label (e.g. RCP6.0) indicating how much radiative forcing they assume in 2100 relative to pre-Industrial times, in Watts per square meter. RCP4.5 and RCP6.0 are intermediate scenarios, whereas RCP8.5 is an extreme scenario with very large future emissions of greenhouse gases.

REGRESSION: A statistical method for selecting the coefficients of a linear equation to explain the behaviour of a dependent variable in terms of variations in one or more explanatory variables.

RICARDIAN ANALYSIS: A method used in environmental economics named after David Ricardo to estimate the economic impacts of climate change, particularly on agriculture, by making use of the hypothesis that expected changes in the return to future agricultural activity will be capitalized into current land values.

SCC (Social Cost of Carbon): An estimate of the net economic damages, measured in present-value dollars, caused by emitting one additional ton of CO₂ into the atmosphere.

SSP (Shared Socioeconomic Pathway) SCENARIOS: Different scenarios for future greenhouse gas emissions and their impact on the atmosphere, introduced in the IPCC's Sixth Assessment Report (AR6). Some of the SSP scenarios are analogous to the older RCP scenarios, for purposes of continuity and comparison to earlier climate model assessments.

TC: Tropical cyclone.

TMAX: The daily maximum surface air temperature.

TMIN: The daily minimum surface air temperature.

TOA: Top of atmosphere.

TOXICOLOGY: The study of the adverse effects of chemical substances on living organisms.

TREND: A coefficient, usually estimated using linear regression, representing the slope of a line of best fit through a time series of data, indicating any tendency for the series mean to move up or down over time.

TSI (Total Solar Irradiance): The measure of the total amount of incident solar radiation per unit area, including all wavelengths of electromagnetic radiation, that reaches the Earth's atmosphere. Typically shown in units of watts per square meter (W/m²).

UHI (Urban Heat Island): The tendency for inhabited areas to be warmer than their rural surroundings, due to the replacement of natural land and vegetation with roads, parking lots, buildings, and waste heat sources.

USHCN: The U.S. Historical Climatology Network, consisting of quality-controlled temperature and precipitation data from 1,218 surface weather stations.

ABOUT THE AUTHORS

John Christy, Ph.D. is the Distinguished Professor of Atmospheric and Earth Sciences and Alabama's State Climatologist at the University of Alabama in Huntsville. He has a B.A. (Mathematics) from CSU Fresno and an M.S. and Ph.D. (Atmospheric Sciences) from the University of Illinois in Urbana-Champaign. He is a Fellow of the American Meteorological Society and recipient of The NASA Medal for Exceptional Scientific Achievement for constructing, with Dr. Roy Spencer, the first global atmospheric temperature dataset from polar orbiting satellites. He served as Lead Author of the 3rd IPCC Assessment Report (2001), he has coauthored National Academy of Science expert reports on Climate Observations (1995) and Surface Temperature Reconstructions (2006), and he has served on the NOAA Climate Change Science Program, NASA's Earth Science Subcommittee, the National Research Council Space Studies Board and the EPA Science Advisory Board. In addition, Dr. Christy has given testimony in 20 Congressional Hearings.

Judith Curry, Ph.D. is Professor Emerita at the Georgia Institute of Technology, where she served as Chair of Earth and Atmospheric Sciences for 13 years. She is President and co-founder of Climate Forecast Applications Network (CFAN). Curry has a PhD in Geophysical Sciences from the University of Chicago. She has authored or coauthored 192 peer-reviewed papers in atmospheric and climate sciences, two textbooks, and most recently the book *Climate Uncertainty and Risk*. Curry is a Fellow of the American Meteorological Society, the American Association for the Advancement of Science, American Geophysical Union, and a Member of the American Academy of Sciences and Letters.

The Honorable Steven E. Koonin, Ph.D. is the Edward Teller Senior Fellow at Stanford's Hoover Institution. He has served as Under Secretary for Science at the Department of Energy (2009-2011), as Chief Scientist for British Petroleum (2004-2009), and as a professor at Caltech (1975 – 2004, the last nine years as Vice President and Provost). Koonin is a member of the National Academy of Sciences and the JASON group of government advisors, as well as a Governor of Lawrence Livermore National Laboratory, having served in similar capacities for the Los Alamos, Sandia, Brookhaven, and Argonne National Laboratories. Other prior roles include a University Professor at New York University, a non-resident Senior Fellow at the American Enterprise Institute, and a Trustee of the Institute for Defense Analyses. Koonin has a BS in Physics from Caltech and a PhD in Theoretical Physics from Massachusetts Institute of Technology. He authored the 2021 bestseller *Unsettled: What Climate Science Tells Us, What It Doesn't, and Why It Matters*, the 1985 textbook *Computational Physics*, and some 200 peer-reviewed papers in physics and astrophysics, scientific computation, energy technology and policy, and climate science.

Ross McKittrick, Ph.D., is a Professor of Environmental Economics at the University of Guelph in Ontario, Canada. He holds a BA in economics from Queen's University, and an MA and Ph.D. in economics from the University of British Columbia. He has published widely in both economics and physical science journals on topics related to climate change, pollution and public policy. His book *Economic Analysis of Environmental Policy* was published by the University of Toronto Press in 2010. His background in applied statistics has led him to author or coauthor peer-reviewed publications across a wide range of topics in the physical sciences including paleoclimate reconstruction, malaria transmission, surface temperature measurement, climate attribution methodology and climate model evaluation. Professor McKittrick has made many invited academic presentations around the world, and has testified before the U.S. Congress and committees of the Canadian House of Commons and Senate.

Roy W. Spencer, Ph.D., is a Principal Research Scientist at the University of Alabama in Huntsville. He holds a BS in Atmospheric and Oceanic Science from the University of Michigan, and MS and PhD in Meteorology from the University of Wisconsin -Madison. Spencer's published research has focused on monitoring of weather processes and climate change from Earth-orbiting satellites, as well as using simple physical models for diagnosing climate sensitivity and climate feedbacks. As a NASA Senior Scientist for Climate Studies he served as the U.S. Science Team Leader for the Advanced Microwave Scanning Radiometer (AMSR-E) flying on the Aqua satellite, providing our most accurate global measurements of sea surface temperatures, sea ice, and several other features of the climate system. Along with Dr. John Christy, Spencer developed the first satellite-based technique for global temperature monitoring, for which they received NASA's Exceptional Scientific Achievement Medal and the American Meteorological Society's Special Award.

From: Judith Curry <curry.judith@gmail.com>
Sent: Thursday, May 22, 2025 9:16 AM
To: Roy Spencer
Cc: Ross McKittrick; John Christy; Steven Koonin; Travis Fisher
Subject: Re: comparing models to observations: Time series or linear trend histograms?

My preferred way to show this plot is Ed Hawkins style: show the models as 66% closest to mean with dark gray shading, and outliers in light gray, and then overlay the obs (possibly also the ens mean)

Some simple text like: There are several different ways to compare historical climate model simulations of global average temperature with observations, and there have been some heated debates on this topic. However, the most straightforward comparison is to show the multi-model mean compared to the mean of the surface observations data sets

On Thu, May 22, 2025 at 3:08 AM Roy Spencer <roywspencer@hotmail.com> wrote:

SUMMARY:

Two of Gavin's objections go away if we **avoid plotting time series**, and **just plot trends instead** (say, a ranked histogram with individual models and observation types). This disagreement with Gavin goes back quite a few years, and he has not relented...but as Judy has pointed out, it would be better if we handle the issue in a way that Gavin cannot reasonably object. Based upon the considerations below, I suggest I replace Figs. 5.3 and 5.5 with histogram plots of trends.

THE ISSUES:

Gavin's **first objection** is with the choice of a baseline average to remove from individual time series. Commonly used is a 30-year period, and the absolute worst choice is the full period of record. *If one is looking for evidence of differences in trends as early as possible in the time series, aligning them so their trends all intersect at $t=0$ is the best method.*

To demonstrate that, here's one of the figures from our paper (paper draft attached). As shown in the third panel, plotting synthetic time series (with variability approximating CMIP6 models) so that their linear trends all intersect at $t=0$ provides the highest correlation in the early years between temperature anomaly and total warming at year 2100 (3rd order polynomials were used to approximate CMIP6 models because they best match the CMIP6 warming profiles between 1970 and 2100):

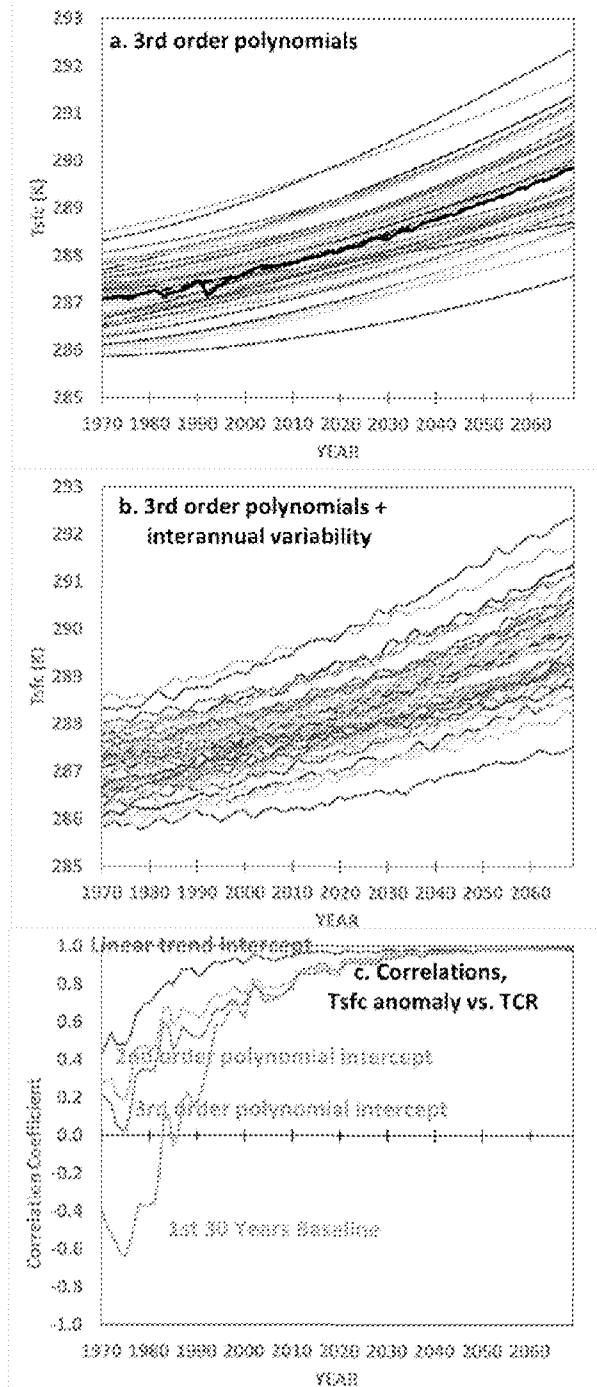


Fig. 6. (a) CMIP6-like synthetic nonlinear temperature time series, 1970-2070, using 3rd order polynomials; (b) those polynomials with noise-generated interannual variability added, and (c) the resulting yearly correlations between temperature anomalies and TCR (warming 1970-2100) for several methods of baseline removal to compute anomalies.

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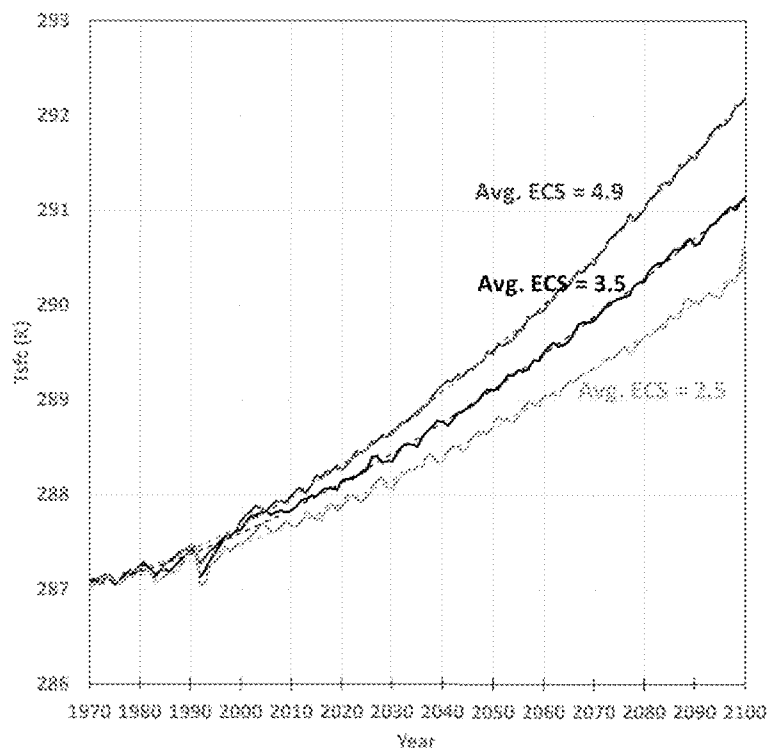


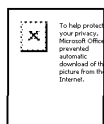
Fig. 5. CMIP6 model global average surface temperatures grouped into high, medium, and low ECS categories (solid lines), with 3rd order polynomial fits (dashed lines), and small vertical offsets applied so all time series align in 1970.

BUT THIS OBJECTION GAVIN HAS ABOUT PLOTTING BASELINE REMOVAL GOES AWAY IF WE DO NOT PLOT TIME SERIES, AND PLOT TREND HISTOGRAMS INSTEAD.

Gavin's **second objection** is the averaging of the models together, which removes any information about individual models, a few of which come close to the observations. As Ross has pointed out, including gray shading showing the envelope of all models is insufficient and misleading because the bottom of the envelope might be just a single model, which is an outlier from all the others.

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Judith Curry, President
CFAN - Climate Forecast Applications Network
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<http://www.cfanclimate.net>

From: Roy Spencer [roywspencer@hotmail.com]
Sent: 5/22/2025 10:08:40 AM
To: Judith Curry [curry.judith@gmail.com]; Ross McKittrick [ross.mckittrick@gmail.com]; John Christy [climateman60@gmail.com]; Steven Koonin [steven.koonin@gmail.com]; Travis Fisher [travis.scott.fisher@gmail.com]
Subject: comparing models to observations: Time series or linear trend histograms?
Attachments: paste.png; paste.png; Baseline-removal-methods-J-Climate-2-27-05-draft.docx

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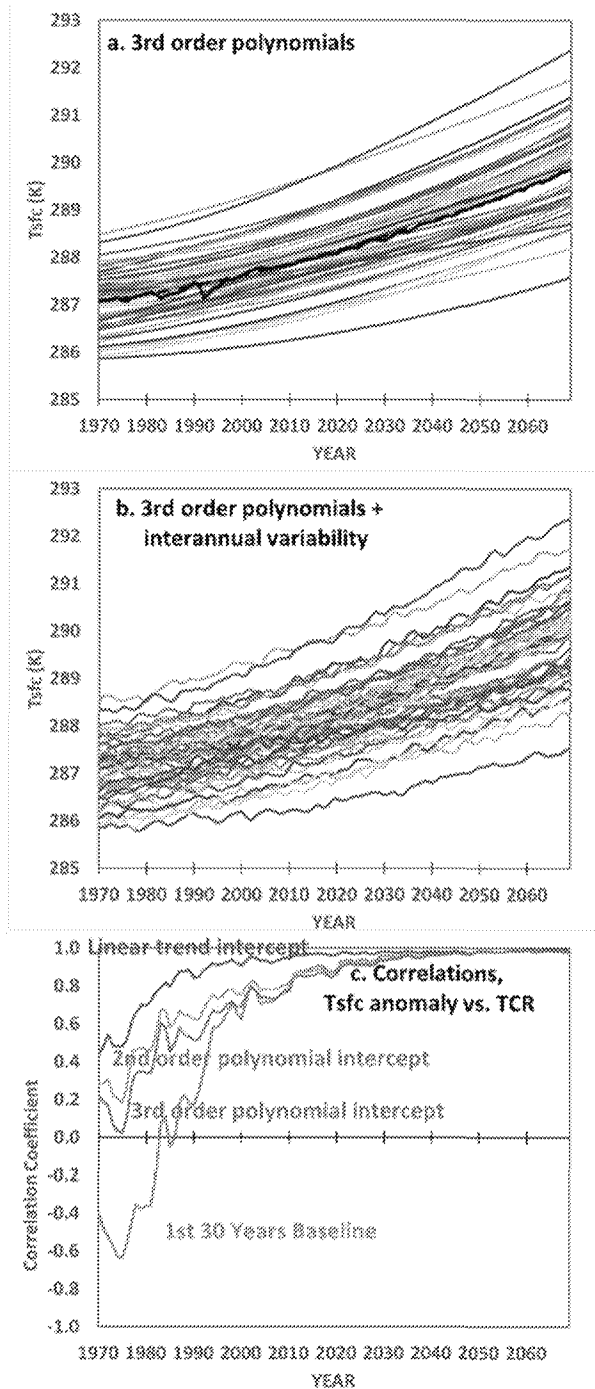


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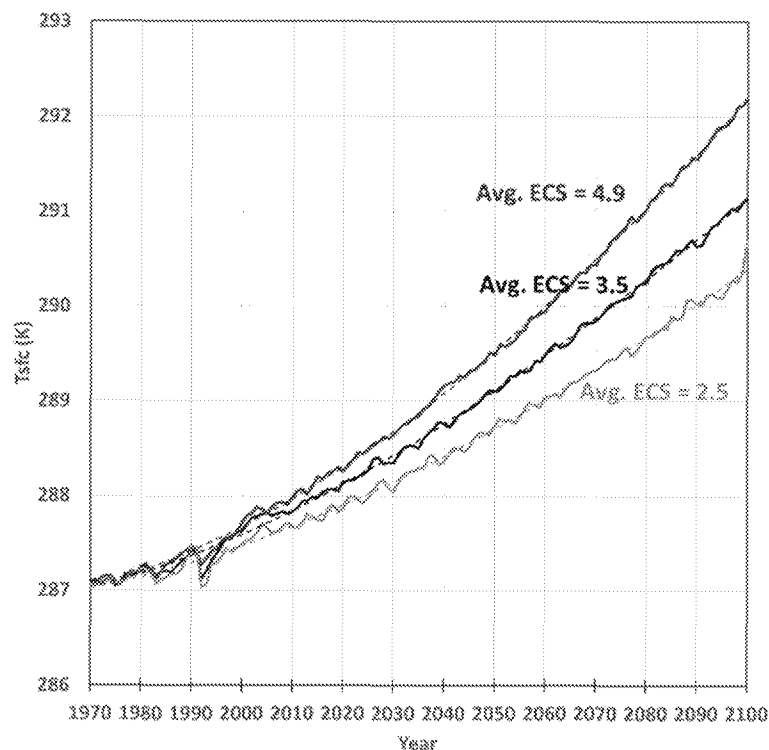


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On the Choice of Baseline When Graphing Multiple Temperature Time Series

Roy W. Spencer,^a John R. Christy,^{a,b} Kevin Dayaratna,^c

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ABSTRACT

When intercomparing temperature time series with differing biases on a graph it is common to align the time series by computing anomalies relative to a baseline period average. While multi-decadal periods are often used for this purpose, potential methods for time series alignment have not been rigorously defended for their advantages and disadvantages. We demonstrate that when warming is occurring over the baseline period, traditional techniques will cause datasets with the most rapid warming to have the coolest anomalies in the early years which can obscure important dataset differences. Using the rapidly warming period of 1970-2100, global-average differences between 31 climate models are examined using various time series alignment techniques, including baseline average, linear trend, and polynomial fits. It is demonstrated that aligning the time series according to their linear regression-based trend intercepts provides the highest yearly correlations with the models' net warming during 1970-2100, partially the result of nonlinear (accelerating) warming in most of the models over that period. To remove the influence of interannual climate variability on these correlations, we generate fifty synthetic model temperature datasets with third-order polynomial fits closely approximating the climate models' behavior. The results support the use of linear trend intercepts, rather than baseline average removal, to observe early evidence of warming differences between datasets.

SIGNIFICANCE STATEMENT

While it is common practice to remove systematic differences between temperature datasets to aid in visual comparisons on graphs, the methods for doing this have not been well-justified. Removal of multi-decadal baseline period averages from each time series is shown to produce early-year differences between datasets that are opposite to those desired when the baseline period has a warming trend. For the period 1970-2100 which exhibits accelerating warming in climate models, aligning the time series by removing their linear warming trend y-intercepts is shown to produce the most meaningful comparisons between datasets. It is recommended that multi-decadal averaging not be used if a warming trend exists in the baseline period.

40 **1. Introduction**

41 The sensitivity of the climate system to increasing anthropogenic greenhouse gas
42 concentrations continues to remain uncertain, with a factor of three range in eventual
43 warming in response to a doubling of atmospheric CO₂ concentration (2XCO₂) displayed by
44 dozens of different climate models (Zelinka et al., 2020). For purposes of model validation
45 and diagnosing climate sensitivity, temperature time series related to climate change are often
46 compared to one another — for example, observational datasets, climate model experiment
47 results, and comparing models with observations. When this is done it is common practice to
48 remove a long-term mean for some baseline period (usually ranging from 30 years to the
49 entire period of record) to minimize the impact of systematic biases between datasets.

50 Oftentimes the long-term linear trend is the statistic of the greatest interest, which helps
51 us to better understand the equilibrium (or effective) climate sensitivity (ECS) of the climate
52 system to 2XCO₂. Because the length of validation datasets is relatively short, one of the
53 goals of plotting of different datasets on a graph should be to reveal evidence of long-term
54 trends as early in the record as possible, as the signal of anthropogenic climate change
55 emerges from the noise of natural climate variability.

56 While Craigmile and Guttorp (2021) used complex functional fits to model and
57 observational datasets to examine their similarities and differences, here we will focus on the
58 the much simpler method often used for intercomparing datasets: removal of a multi-decadal
59 average, usually early in the data record. We address the question, What method best reveals
60 early evidence of long-term warming? Since many climate models have now been developed
61 for which ECS and transient climate response (TCR) statistics have been diagnosed, we can
62 use those models to explore various methods for time series alignment. Using yearly global
63 average surface temperatures from 31 climate models during 1970-2100 we will show that
64 removal of a baseline period average produces negative correlations between temperature
65 anomalies and long-term warming. This is counter to the desired goal of revealing differences
66 in datasets as early as possible in the record which are positively related to their long-term
67 warming trends. Then we will address other potential methods for time series alignment.

68 **2. Datasets and Methods**

69 We will demonstrate the issue with 31 simulations of global, yearly average surface air
70 temperature from the 6th Climate Model Intercomparison Project (CMIP6, Eyring et al.,

2016). While we use model results from the SSP370 radiative forcing scenario (Riahi et al., 2017), other SSP scenarios could have been used as long as they produce long-term warming. Climate model simulations allow us to use a large number of plausible warming scenarios in the early years for which we have observational data, and we can use the known long-term warming characteristics of those models to evaluate how well various time series alignment techniques reveal early evidence of warming. Since we are looking for early evidence of long term warming, the period 1970-2100 was chosen due to it having the strongest increase in radiative forcing from atmospheric CO₂ increases as well as the most rapid rate of warming.

We use the first member of the ensemble runs archived from the 31 models listed in Table 1. Alignment of the 31 models' time series of temperature will be made using the common technique of the removal of a 30-year average at the beginning of the record (1970-1999), as well as removal of the y-intercept from each of the models time series based upon regressions against time of the temperature linear trend, as well as 2nd and 3rd order polynomial fits. Scoring of early signs of warming in the resulting aligned time series will be based upon correlations between yearly anomalies and the net model warming 1970-2100 using 3rd order polynomial fits to each model time series. The use of the polynomial fit to 1970-2100 time series approximates a transient climate response (TCR) and minimizes the effect of interannual variability on the net warming estimate. We alternatively used published estimate of ECS, but the conclusions of our analysis remained the same.

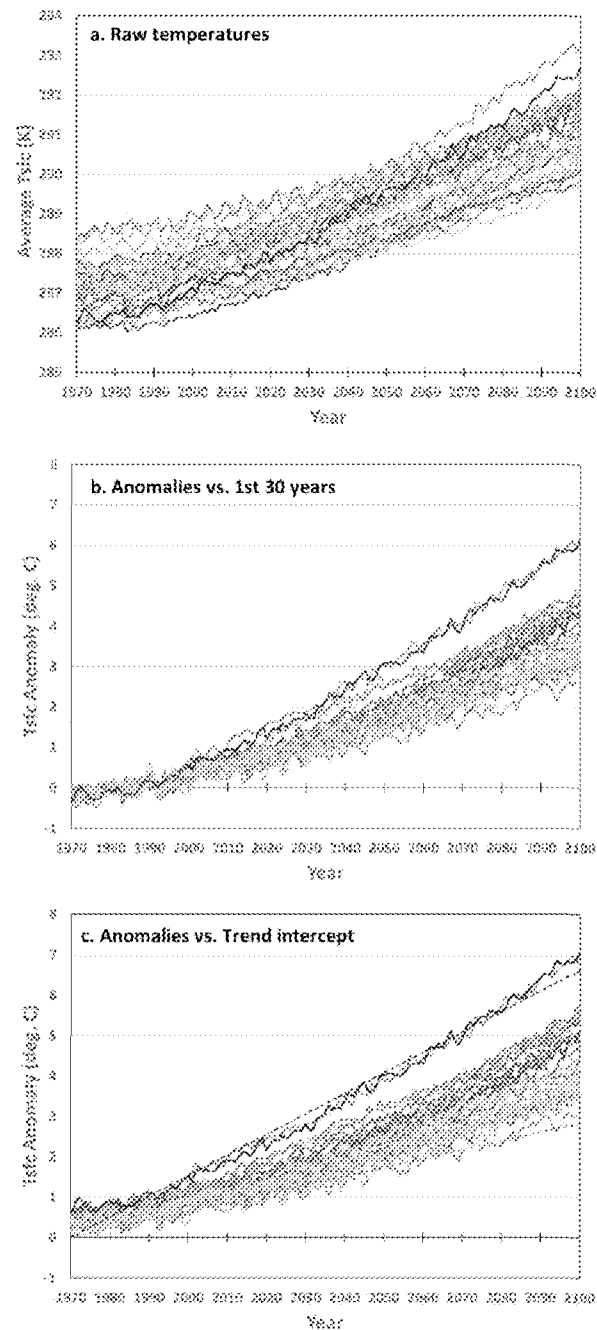
Importantly, we note that the problem we will demonstrate with baseline average removal techniques only exists when there is a non-zero temperature trend during the baseline period. The problem does not exist if the baseline period has no temperature trend. Thus, for example, Fig. 3.4 in IPCC (2021) that compares CMIP6 models to observations using 1850-1900 as a baseline (a period with little temperature trend) would not be substantially affected by the issues we discuss below.

3. Results

a. Demonstration of the problem using CMIP6 models

Global annual averages in surface air temperature from 31 models are shown in Fig. 1 for the period 1970 to 2100. The raw temperatures (Fig. 1a) show substantial systematic differences between models, and the common practice of removing the average of the first 30

101 years (Fig. 1b) seems to do a good job of removing these systematic effects. Also shown (Fig.
 102 1c) are the anomalies where the time series have had their linear trend y-intercept removed.



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105 Fig. 1. Global average surface temperatures from 31 CMIP6 models using the SSP370
 106 radiative forcing scenario, first ensemble member from each model, displayed as (a) raw
 107 temperatures, (b) departures from the averages of the first thirty years, and (c) departures
 108 from the linear trends with the intercepts set at $y=0$.

But a problem arises when we examine how well the differences between the models relate to differences in their long-term warming. This can be addressed by computing in each year the correlation of the models' temperature anomalies with the transient climate response of each model, defined here as the net warming from 1970 to 2100 based upon 3rd order polynomial fits to the models' time series. Ideally, we desire to see positive correlations as early in the time series as possible if we are looking for early evidence of climate sensitivity differences. These correlations are shown in Fig. 2.

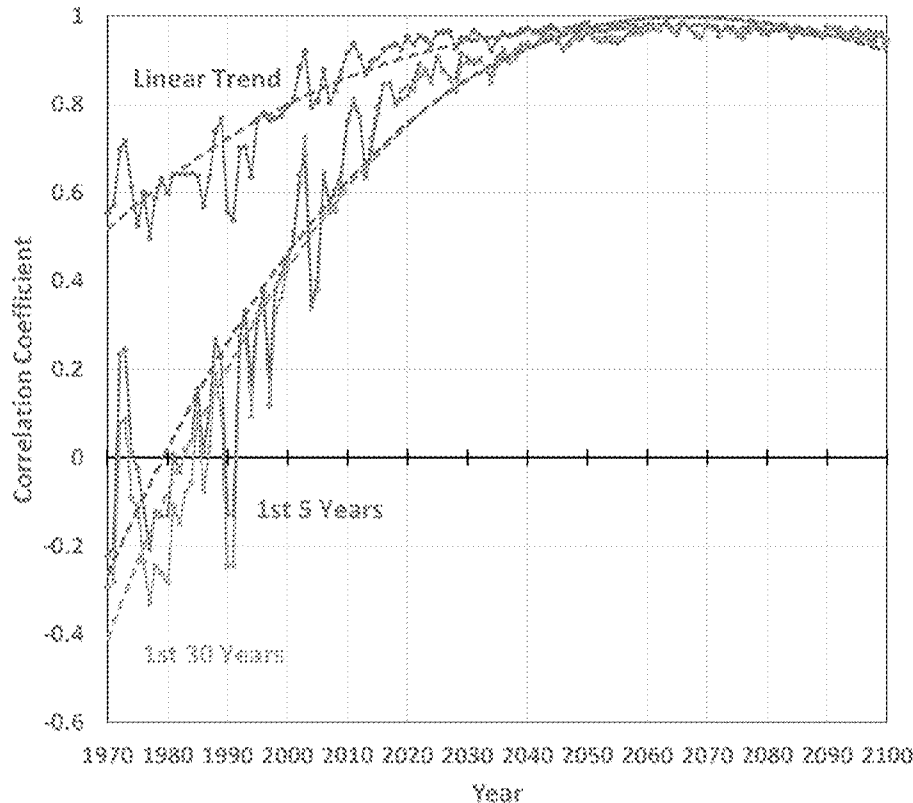


Fig. 2. Correlation in each year between CMIP6 model global-average temperature anomalies and the total warming between 1970 to 2100 based upon 3rd order polynomial fits to each model's time series.

As can be seen, use of the first thirty years' averages for computing anomalies produces negative correlations in many of the years in the first two decades. Results based upon using the first five years (green curve in Fig. 2) are not much better in this regard. But when the anomalies are based upon aligning the models based upon their linear temperature trend intercepts (blue curve in Fig. 2) the correlations are much higher, suggesting differences between models' anomalies in the early years are related to those models' future warming.

126 The reason for the negative correlations is demonstrated next for the idealized case of linear
127 warming with no interannual variability.

128 *b. Linear warming with no interannual variability*

129 The reason for these large differences in correlations in the early years is due to the
130 warming trend that exists in the baseline period. If we generate thirty synthetic time series
131 that have only linear warming trends with no interannual variations (Fig. 3a) and remove the
132 averages of the first thirty years from those time series (Fig. 3b), the anomalies will have a
133 perfect negative correlations (-1) for the first fifteen years, and perfect positive correlations
134 (+1) for the rest of the time series (Fig. 3c).

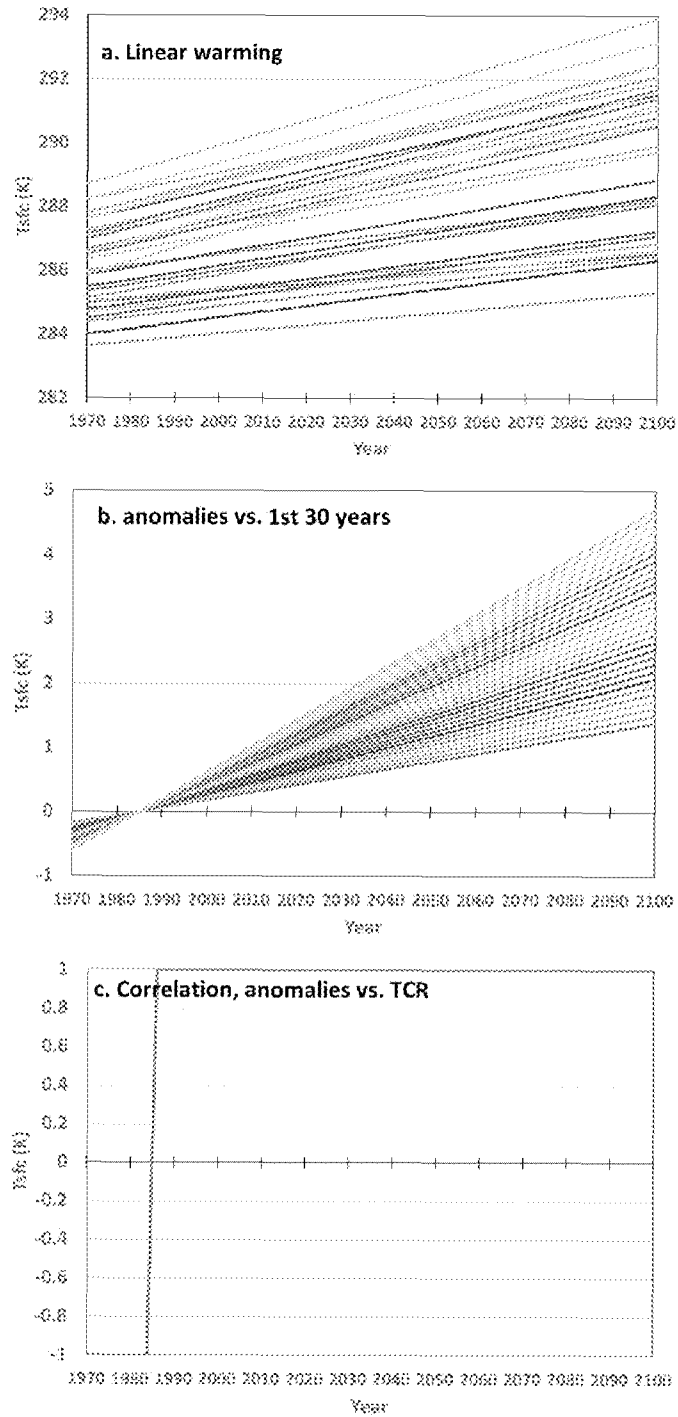


Fig. 3. (a) Thirty synthetic temperature time series 1970-2100 with various linear warming trends; (b) their anomalies relative to the average of the first thirty years; and (c) the correlation in each year between those anomalies and the total warming between 1970 and 2100.

If we use other periods for baseline average removal — say, the entire period of record or any shorter period of record from early, middle, or late in the time series — there will be -1 correlations up until the middle year of the baseline period, and +1 correlations after the middle year (not shown). This demonstrates that to the extent a non-zero temperature trend exists in the baseline period, there will be a tendency for anomalies at any time before the middle of the baseline period to be negatively correlated with the long-term warming trends. This is opposite of the behavior desired if the point of comparing various temperature time series is to see evidence of differences in climate sensitivity as early in the record as possible. The reason why the correlations in Fig. 2 are attenuated (greater than -1 and less than +1) is related to the noise cause by different amounts of interannual variability in the different models, addressed next.

c. Linear warming with interannual variability

In reality there is interannual temperature variability in models (or observations) which attenuate these correlations. In many of these models, the primary mode of variability is El Nino and La Nina as part of the El Nino Southern Oscillation (ENSO, ref) centered in the eastern tropical Pacific Ocean. If we add interannual temperature variability to the synthetic time series using 1-2-1 low-pass filtered normally distributed random noise in each year (Fig. 4) we see correlations much more like those seen in the climate model results in Fig. 2.

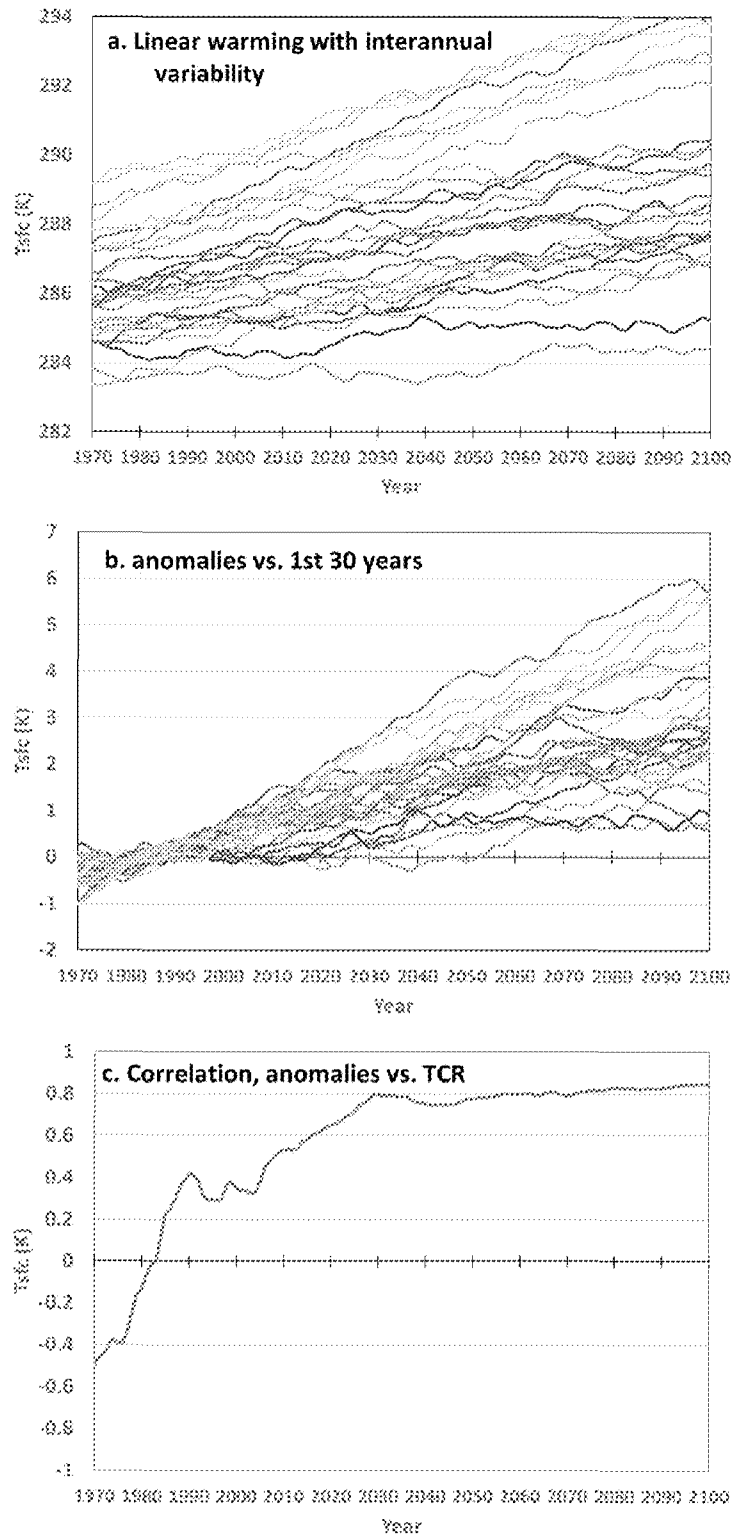


Fig. 4. As in Fig. 3, but with low-pass filtered yearly random noise added to represent the effect of interannual temperature variability.

In the correlation plot (Fig. 4c) we now see the -1 and +1 correlation are attenuated, and are more similar to the CMIP6 model-based correlations in Fig. 2. Note that there is little advantage in trying to match the spectral characteristics of interannual variations (noise) of the synthetic simulations to the CMIP6 models because with only 50 synthetic models just the variation in the noise seed produces considerable variations in the resulting correlation.

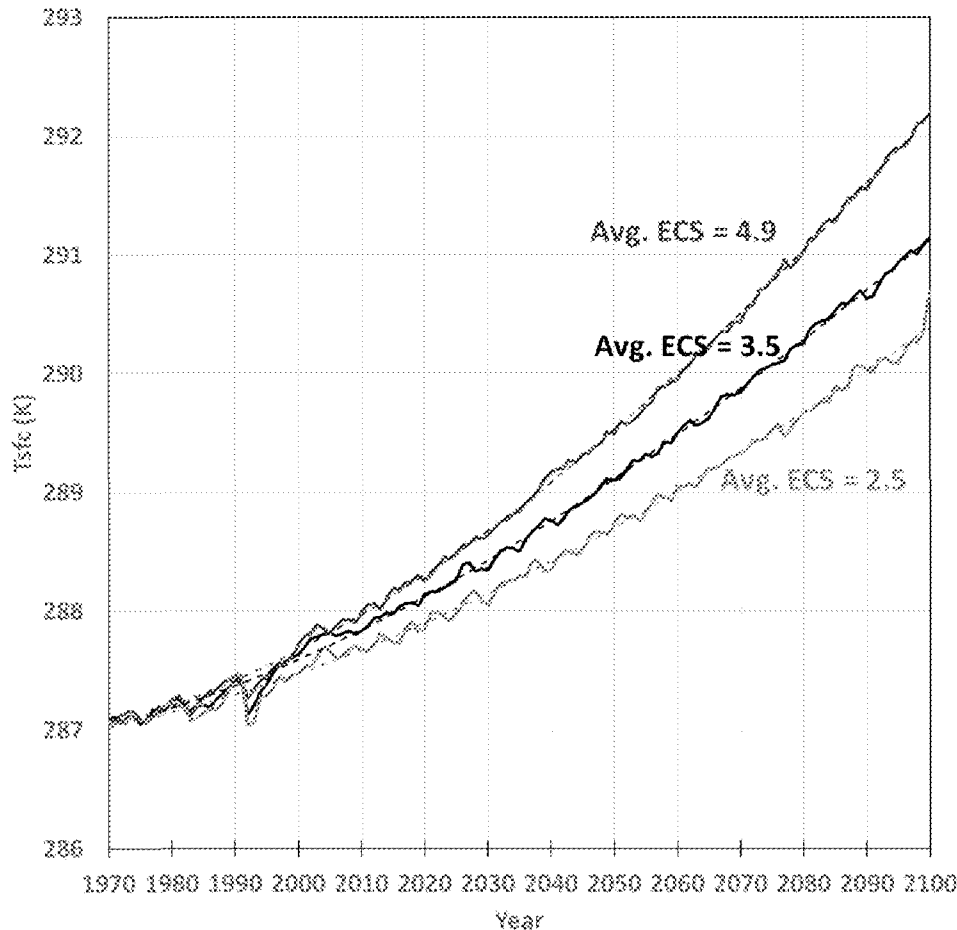
No matter the detail character of the prescribed synthetic interannual variability, and the specified strength of that variability, the basic result remains the same: when the baseline period used for anomaly computation has a non-zero temperature trend, negative correlations exist in the early years between temperature anomalies and long-term warming. This is not desirable behavior if one wants to see evidence of long-term warming as early in the record as possible. This is especially true when dealing with comparisons to observational datasets of limited record length, such as the satellite tropospheric temperature record since 1979 (ref).

d. Nonlinear warming with interannual variability

Since we are addressing the period of most rapid warming (and most rapidly increasing atmospheric CO₂ concentrations) beginning in the late 20th Century, a warming trend will exist in the first few decades, whether in climate models or in observations. That warming, however, has been somewhat nonlinear, with weaker warming during the 1970s and 1980s. This is likely due to aerosol negative radiative forcing being of comparable magnitude to the positive radiative forcing from increasing CO₂. After the 1980s, radiative forcing dominates and warming in the models typically accelerates.

If we average the 31 models in Fig. 1a into three groups with those nine models with the highest ECS, nine with the lowest ECS, and thirteen models in between those two extremes, we see the nonlinear character of the model warming in all three groups (Fig. 5).

STOPPED HERE



187

188 Fig. 5. CMIP6 model global average surface temperatures grouped into high, medium,
 189 and low ECS categories (solid lines), with 3rd order polynomial fits (dashed lines), and small
 190 vertical offsets applied so all time series align in 1970.

191 Note that these nonlinearities, with weak warming in the 1970s and 1980s, might be expected
 192 to impact our conclusions regarding the use of anomalies calculated relative to those early
 193 years since it weakens the warming trend in the first few decades. To address this possibility,
 194 we created synthetic temperature time series with nonlinear characteristics similar to those
 195 seen in the CMIP6 models. This was done by fitting 3rd order polynomials to each of the
 196 models' time series during 1970-2100, and using the average of those fit coefficients, as well
 197 as their standard deviations and the correlations between coefficients, to generate CMIP6-like
 198 time series. These are shown in Fig. 6.

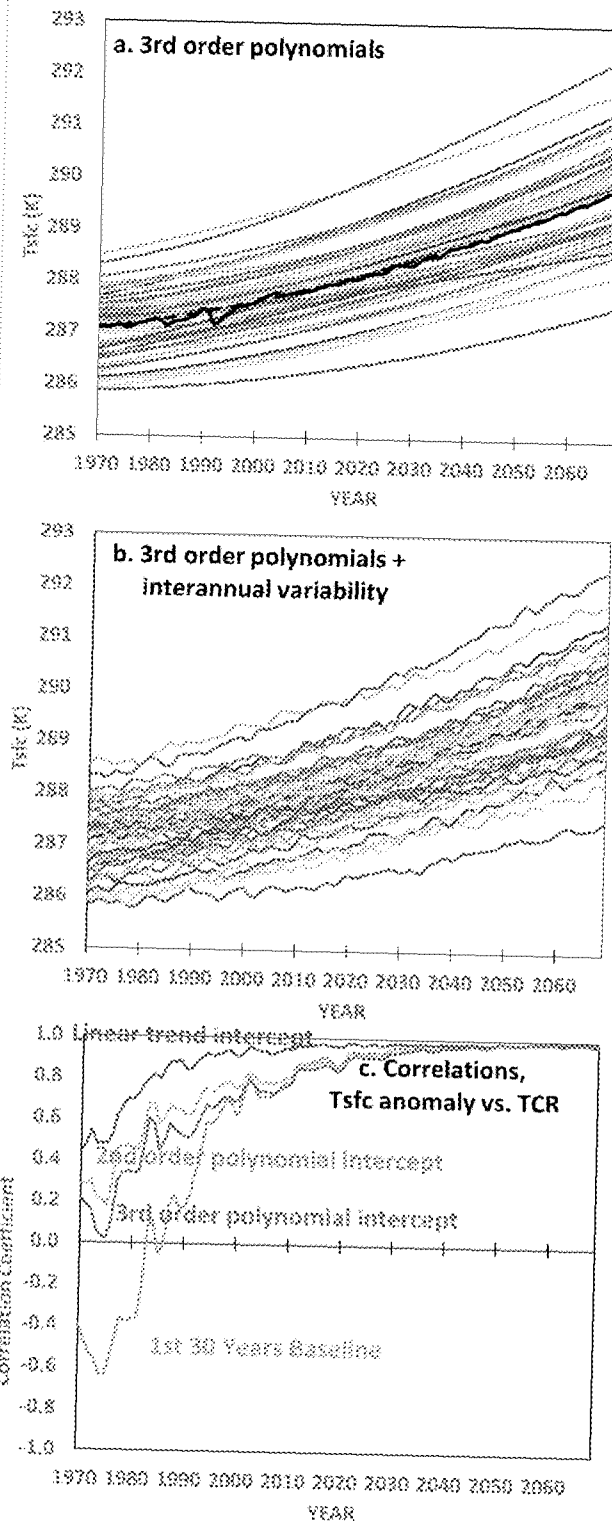


Fig. 6. (a) CMIP6-like synthetic nonlinear temperature time series, 1970-2070, using 3rd order polynomials; (b) those polynomials with noise-generated interannual variability added, and (c) the resulting yearly correlations between temperature anomalies and TCR (warming 1970-2100) for several methods of baseline removal to compute anomalies.

The results in Fig. 6c suggest that use of the linear trend y-intercept removed from each of the time series produces the best results in terms of a high correlation in the early years between the computed temperature anomalies and the synthetic models' net warming from 1970 to 2100.

That the correlations would be higher for the linear than the nonlinear fits to the time series was unexpected, and upon further investigation turns out to be the result of that nonlinearity.

Column 1 Heading	Column 2 Heading	Column 3 Heading
Entry 1,1	Entry 1, 2	Entry 1,3
Entry 2, 1	Entry 2, 2	Entry 2, 3

Table 1. This is an example table.

Acknowledgments.

Paste your acknowledgments here.

Data Availability Statement.

Paste your data availability statement here. For more information about data availability statements please see the [Data Policy and Guidance](#) page.

APPENDIX

Appendix Title

(Optional) Multiple appendixes should be indicated with a header Appendix A, Appendix B, etc., along with a descriptive title and at least a sentence or two of explanatory text. Appendix tables and figures should be embedded in the appendix section.

REFERENCES

A few of the most common reference types are shown below as examples. Each in-text citation must have a corresponding reference, and each reference listed must be cited in the text. References should be arranged alphabetically without numbering.

Example References:

Antonov, J. I., R. A. Locarnini, T. P. Boyer, A. V. Mishonov, and H. E. Garcia, 2006: Salinity. Vol. 2, *World Ocean Atlas 2005*, NOAA Atlas NESDIS 62, 182 pp.

Batchelor, G. K., 1981: *An Introduction to Fluid Dynamics*. Cambridge University Press, 615 pp.

Christensen, J. H., and Coauthors, 2007: Regional climate projections. *Climate Change 2007: The Physical Science Basis*, S. Solomon et al., Eds., Cambridge University Press, 847–940.

IPCC, 2013: *Climate Change 2013: The Physical Science Basis*. Cambridge University Press, 1535 pp., <https://doi.org/10.1017/CBO9781107415324>.

Kalnay, E., and Coauthors, 1996: The NCEP/NCAR 40-Year Reanalysis Project. *Bull. Amer. Meteor. Soc.*, **77**, 437–471, [https://doi.org/10.1175/1520-0477\(1996\)077<0437:TNYRP>2.0.CO;2](https://doi.org/10.1175/1520-0477(1996)077<0437:TNYRP>2.0.CO;2).

Knutti, R., 2014: IPCC Working Group I AR5 snapshot: The rcp85 experiment. DKRZ World Data Center for Climate, accessed 14 October 2014, <https://doi.org/10.1594/WDCC/ETHR8>.

IPCC, 2021: *Climate Change 2021: The Physical Science Basis*. Chapter 3, Contribution of Working Group I to the Sixth Assessment Report of the Intergovernmental Panel on Climate Change [Eyring, V., N.P. Gillett, K.M. Achuta Rao, R. Barimalala, M. Barreiro Parrillo, N. Bellouin, C. Cassou, P.J. Durack, Y. Kosaka, S. McGregor, S. Min, O. Morgenstern, and Y. Sun, 2021: Human Influence on the Climate System. In *Climate Change 2021: The Physical Science Basis. Contribution of Working Group I to the Sixth Assessment Report of the Intergovernmental Panel on Climate Change* [Masson-Delmotte, V., P. Zhai, A. Pirani, S.L. Connors, C. Péan, S. Berger, N. Caud, Y. Chen, L. Goldfarb, M.I. Gomis, M. Huang, K. Leitzell, E. Lonnoy, J.B.R. Matthews, T.K.

259 Maycock, T. Waterfield, O. Yelekçi, R. Yu, and B. Zhou (eds.)]. Cambridge University
260 Press, Cambridge, United Kingdom and New York, NY, USA, pp. 423–552, doi:
261 10.1017/9781009157896.005 .]

262

From: Steven Koonin <steven.koonin@gmail.com>
Sent: Wednesday, May 21, 2025 12:40 PM
To: 'Ross McKittrick'
Cc: 'Judith Curry'; 'Roy W. Spencer'; 'John Christy'
Subject: my bio

The Honorable Steven E. Koonin is the Edward Teller Senior Fellow at Stanford's Hoover Institution. He has served as Under Secretary for Science at the Department of Energy (2009-2011), as Chief Scientist for BP (2004-2009), and as a professor at Caltech (1975 – 2004, the last nine years as Vice President and Provost). Koonin is a member of the National Academy of Sciences and the JASON group of government advisors, as well as a Governor of Lawrence Livermore National Laboratory, having served in similar capacities for the Los Alamos, Sandia, Brookhaven, and Argonne National Laboratories. Other prior roles include a University Professor at NYU, a non-resident Senior Fellow at AEI, and a Trustee of IDA.

Koonin has a BS in Physics from Caltech and a PhD in Theoretical Physics from MIT. He authored the 2021 bestseller *Unsettled: What Climate Science Tells Us, What It Doesn't, and Why It Matters*, the 1985 textbook *Computational Physics*, and some 200 peer-reviewed papers in physics and astrophysics, scientific computation, energy technology and policy, and climate science.

From: Roy Spencer [roywspencer@hotmail.com]
Sent: 5/22/2025 8:35:46 PM
To: John Christy [climateman60@gmail.com]; Ross McKittrick [ross.mckittrick@gmail.com]; Steve Koonin [steven.koonin@gmail.com]; Travis Fisher [travis.scott.fisher@gmail.com]; Judith Curry [curry.judith@gmail.com]
Subject: RE: 5.6 Snow cover Mismatch

Interesting insights!

Sent from my Verizon, Samsung Galaxy smartphone

----- Original message -----

From: John Christy <climateman60@gmail.com>
Date: 5/22/25 3:26 PM (GMT-06:00)
To: Ross McKittrick <ross.mckittrick@gmail.com>, Steve Koonin <steven.koonin@gmail.com>, Roy Spencer <roywspencer@hotmail.com>, Travis Fisher <travis.scott.fisher@gmail.com>, Judith Curry <curry.judith@gmail.com>
Subject: 5.6 Snow cover Mismatch

All

I've just heard back from Dave Robinson, P.I. of the Rutgers (i.e. NOAA) snow cover extent product (SCE). The latest publication on Rutgers SCE is apparently Allchin and Dery 2020 with data through 2017 showing the rise in Fall and Winter snow cover extent. The IPCC, as we mentioned, highlights Hori et al. 2017 (who used optical satellite images) and Mudryk et al. 2020 (used multi-sensors including 19 and 37 GHz microwave as expressed in reanalyses - Roy should know issues with those channels over the past 40 years) which is more of a Snow Water Equivalent (i.e. mass) product.

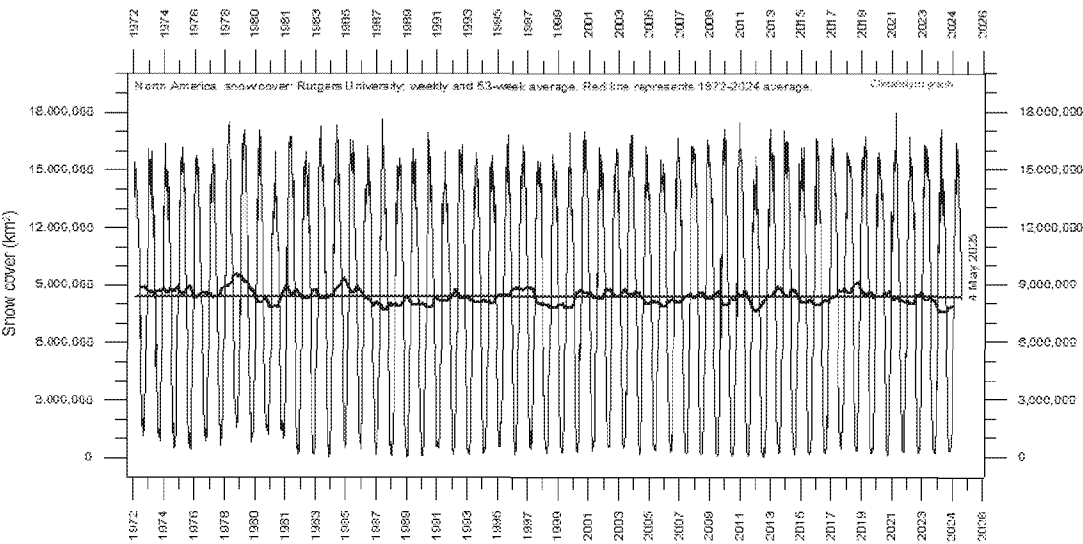
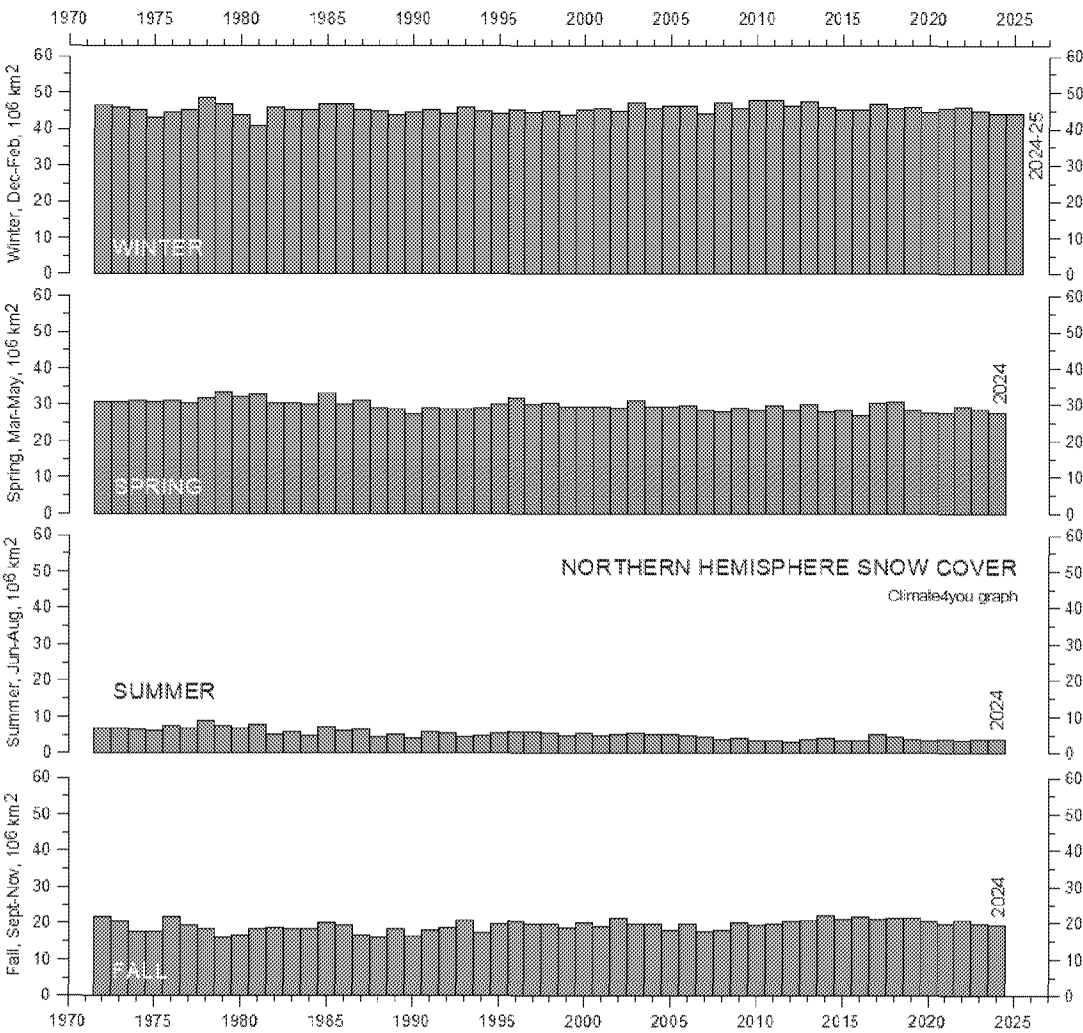
Among Dave's remarks were these, "In short, they [Allchin and Dery] have identified the key regions of increasing cover and associated them with circulation changes and access to moisture sources. A quick take home would be that interior continents continue to be cold enough for fall snow and with available moisture, snow, thus snow cover extent has increased in those locations."

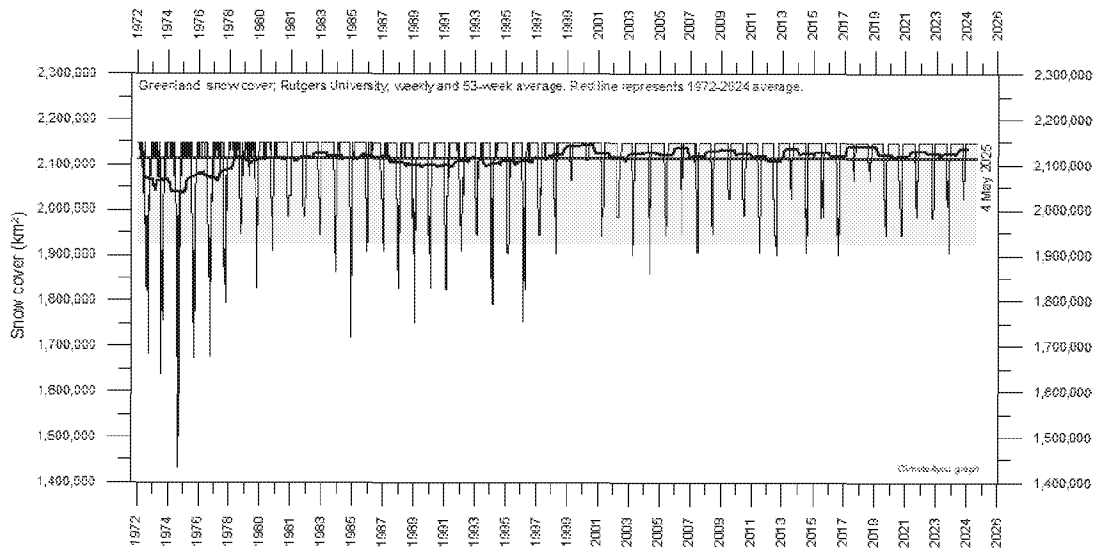
In a comparison project (Mortimer 2020) dealt only with SWE, not SCE, and with Mudryk as the 2nd author, this was the basic quantity the AR6 gravitated toward because Mudryk was a "contributing author" of AR6 whereas Dave was not. Dave was also not invited to co-author the comparison project paper (Mortimer). [It irks me that the discussions seem to go back and forth between SCE and SWE as if they were the same thing.] And Dave notes that Hori et al. and Mudryk et al. with their negative trends never responded to Allchin and Dery's assessment showing positive trends in Fall and Winter - Allchin and Dery was not cited in the AR6. The Europeans/Canadians may be out of the SCE business as I can't find any updates.

So, with Rutgers (NOAA) as the only updated dataset we can find, the statements we have from the AR6 are about as good as we can get, expressing the disagreement in Fall and Winter trends by the various datasets through 2018.

Attached are a couple of charts based on Dave's SCE for the NH, N America and Greenland in absolute values. Interestingly, Greenland seems to have fewer snow droughts in the summer than in earlier times.

John C.





From: John Christy <climateman60@gmail.com>
Sent: Thursday, May 22, 2025 4:26 PM
To: Ross McKittrick; Steve Koonin; Roy Spencer; Travis Fisher; Judith Curry
Subject: 5.6 Snow cover Mismatch

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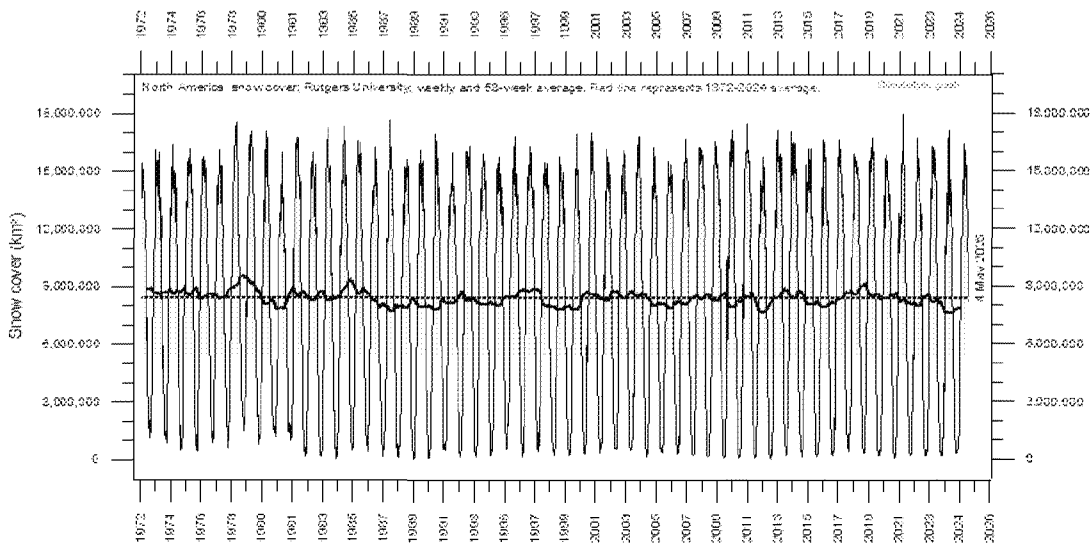
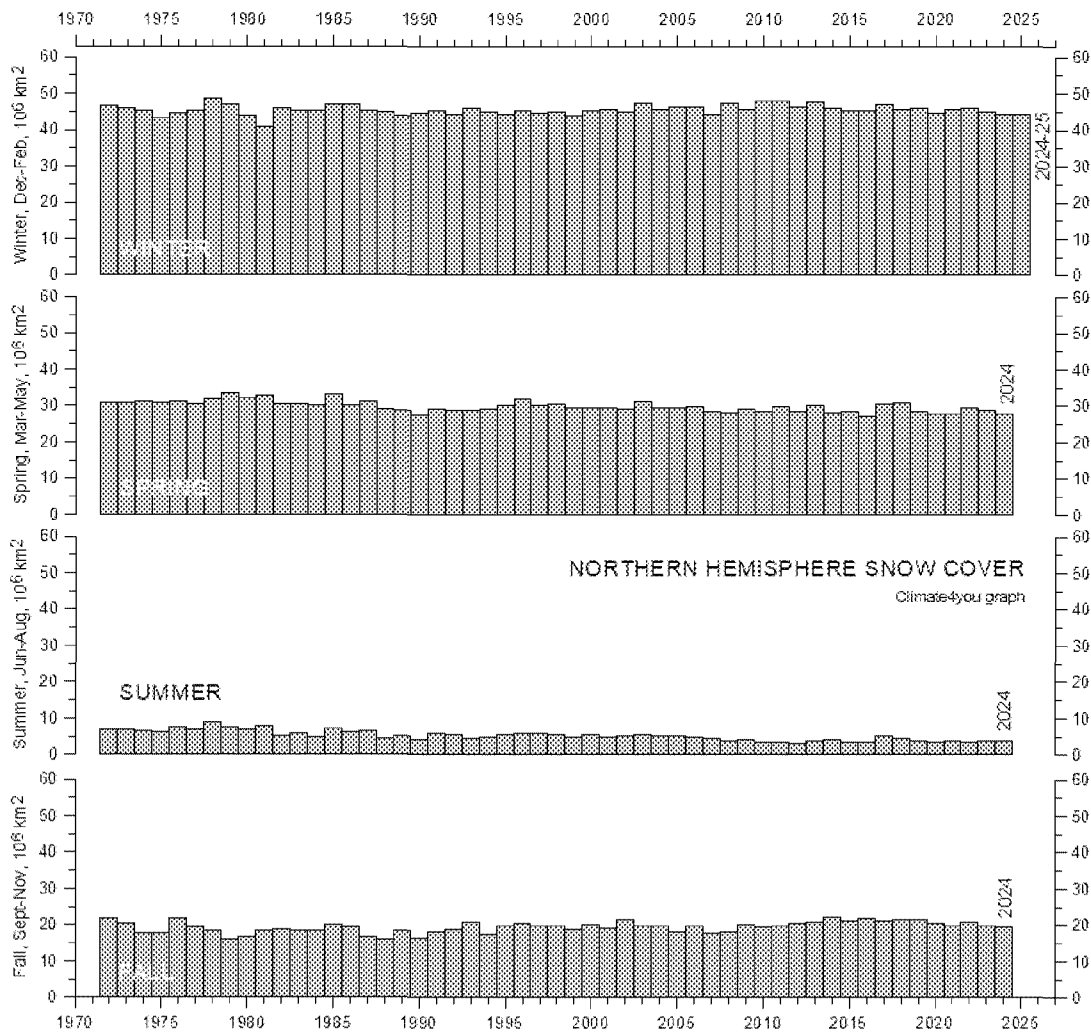
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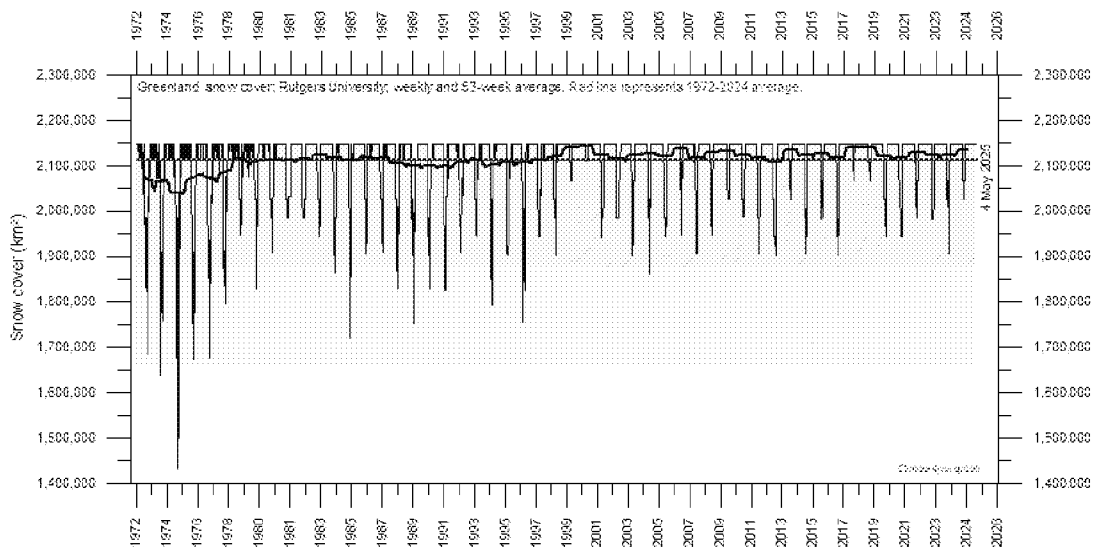
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John C.





From: Judith Curry <curry.judith@gmail.com>
Sent: Wednesday, May 21, 2025 2:33 PM
To: Ross McKittrick
Subject: Re: curry bio sketch

yes thx

On Wed, May 21, 2025 at 11:31 AM Ross McKittrick <ross.mckittrick@gmail.com> wrote:

Did you mean

She has authored or coauthored 192 peer-reviewed papers

On Wed, May 21, 2025 at 2:28 PM Judith Curry <curry.judith@gmail.com> wrote:

Judith Curry is Professor Emerita at the Georgia Institute of Technology, where she served as Chair of Earth and Atmospheric Sciences for 13 years. She is President and co-founder of Climate Forecast Applications Network (CFAN). Curry has a PhD in Geophysical Sciences from the University of Chicago. She has authored and 192 peer-reviewed papers in atmospheric and climate sciences, two textbooks, and most recently the book *Climate Uncertainty and Risk*. Curry is a Fellow of the American Meteorological Society, the American Association for the Advancement of Science, American Geophysical Union, and a Member of the American Academy of Sciences and Letters.

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From: Ross McKittrick <ross.mckitrick@gmail.com>
Sent: Wednesday, May 21, 2025 2:32 PM
To: Judith Curry
Subject: Re: curry bio sketch

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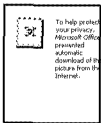


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To: Steve Koonin; Ross McKittrick; John Christy; Roy Spencer
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curry.judith@cfanclimate.com | +1.404.803.2012
<http://www.cfanclimate.net>

From: John Christy [climateman60@gmail.com]
Sent: 6/9/2025 9:28:07 PM
To: Ross McKittrick [ross.mckittrick@gmail.com]
CC: Steven Koonin [steven.koonin@gmail.com]; Judith Curry [curry.judith@gmail.com]; Roy W. Spencer [roywspencer@hotmail.com]; Travis Fisher [travis.scott.fisher@gmail.com]; Josh Loucks [loucksj14@gmail.com]
Subject: Re: Report structure

Thanks Ross. You put A.I. to shame.

John C.

On Mon, Jun 9, 2025 at 3:01 PM Ross McKittrick <ross.mckittrick@gmail.com> wrote:
It's the King's English now. I'm having to train my fingers not to hit the 'u' key so often.
Edits attached.

On Mon, Jun 9, 2025 at 2:58 PM John Christy <climateman60@gmail.com> wrote:
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On Mon, Jun 9, 2025 at 1:09 PM Ross McKittrick <ross.mckittrick@gmail.com> wrote:
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On Mon, Jun 9, 2025 at 1:59 PM Steven Koonin <steven.koonin@gmail.com> wrote:
Worth discussing.

On the pro side, an exemplar rewrite quickly and clearly conveys to the reader where NCA5 went wrong. It also offers an alternative “sound bite” that people can remember (contrast “SLR of 1 foot by 2050” vs “no climate-significant acceleration detected”)

What are the “con” arguments?

From: Judith Curry <curry.judith@gmail.com>
Sent: Monday, June 9, 2025 1:53 PM
To: Ross McKittrick <ross.mckittrick@gmail.com>
Cc: John Christy <climateman60@gmail.com>; Roy W. Spencer <roywspencer@hotmail.com>; Travis Fisher <travis.scott.fisher@gmail.com>; Steve Koonin <steven.koonin@gmail.com>; Josh Loucks <loucksj14@gmail.com>
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On Mon, Jun 9, 2025 at 6:30 AM Ross McKitrick <ross.mckitrick@gmail.com> wrote:

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On Sun, Jun 8, 2025 at 6:44 PM John Christy <climateman60@gmail.com> wrote:

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Attached with a few edits. We do not have a Southwest region for precipitation.

I noted that the positive trend in the Midwest reflects the dryness of the Dust Bowl.

I added the map in the Appendix.

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The occurrence of Daily High Temp records for 1978 to 2017 has a positive trend that explains only 2 percent of the variance, so the trend is not significant.

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John C.

John Christy

Director, Earth System Science Center

Professor, Atmos and Earth Science

Alabama State Climatologist

The University of Alabama in Huntsville

climateman60@gmail.com

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which case maybe the title I have applied to chapter 3 could be changed to Overconfidence when Stating Conclusions.

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<NCA5.Review.[RM].June8.docx>

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From: Ross McKittrick <ross.mckitrick@gmail.com>
Sent: Monday, June 9, 2025 4:02 PM
To: John Christy
Cc: Steven Koonin; Judith Curry; Roy W. Spencer; Travis Fisher; Josh Loucks
Subject: Re: Report structure
Attachments: ~WRD0003.jpg; NCA5_Sec_4.2 Heat_Ext_JRC_[RM]_250609.0.docx

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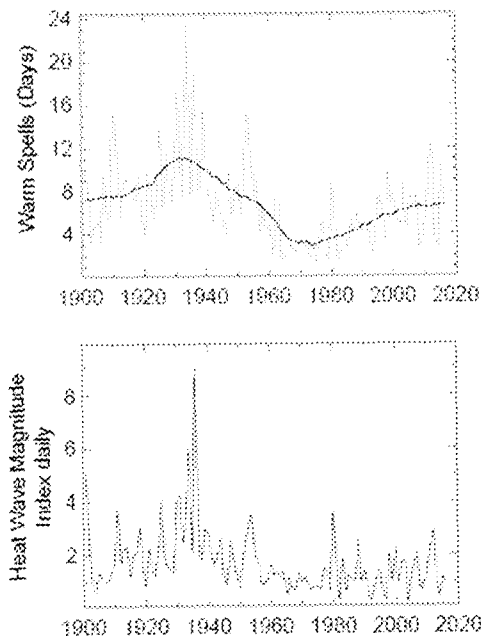
<http://www.cfanclimate.net>

Section 4.2 Heat Extremes

In contrast to NCA5, NCA4 examined heat extremes across the whole of the 20th century, pointing out that peak heat wave activity was reached in the 1930s and has decreased since then, and that recent increases are confined to areas west of the Rockies:

[The] warmest daily temperature of the year increased in some parts of the West over the past century, but there were decreases in almost all locations east of the Rocky Mountains. In fact, all eastern regions experienced a net decrease, most notably the Midwest (about 2.2°F [1.2°C]) and the Southeast (roughly 1.5°F [0.8°C]).

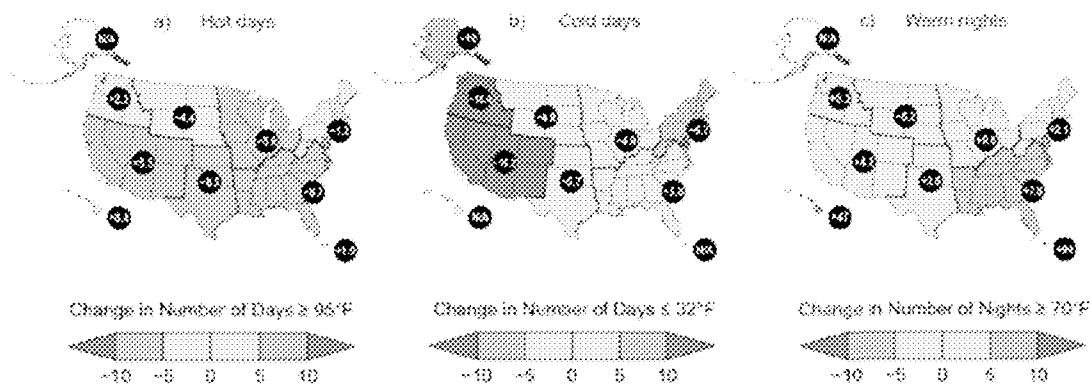
Since the mid-1960s, there has been only a very slight increase in the warmest daily temperature of the year (amidst large interannual variability). Heat waves (6-day periods with a maximum temperature above the 90th percentile for 1961–1990) increased in frequency until the mid-1930s, became considerably less common through the mid-1960s, and increased in frequency again thereafter. As with warm daily temperatures, heat wave magnitude reached a maximum in the 1930s. (NCA4 pp. 190-191)



U.S. Heat waves since 1900. Source: NCA4 Figure 6.4

Contrast this careful and factual language with NCA5 Key Message 2.2: “Extreme Events Are Becoming More frequent and Severe.” This blanket statement is followed by NCA5 Figure 2.7 reproduced below.

Observed Changes in Hot and Cold Extremes



Hot days have increased in the West, hot nights have increased nearly everywhere, and cold days have decreased.

Figure 2.7. Over much of the country, the risk of warm nights has increased while the risk of cold days has decreased. The risk of hot days has also increased across the western US. This figure shows the observed change in the number of (a) hot days (days at or above 95°F), (b) cold days (days at or below 32°F), and (c) warm nights (nights at or above 70°F) over the period 2002-2021 relative to 1901-1960 (1951-1980 for Alaska and Hawaii and 1956-1980 for Puerto Rico). Data were not available for the US-Affiliated Pacific Islands and the US Virgin Islands. Figure credit: Project Drawdown, Washington State University Vancouver, NOAA NCEI, and CISS NC.

Close inspection shows that this Figure contradicts the NCA5 Key Message with respect to heatwaves and instead reinforces the position of the NCA4. The time scale of analysis for this Figure is stated as the number of hot days, cold days and warm nights (respectively in panels a—c) over the period 2002-2021 compared to 1901-1960. Presumably (though not stated in the caption) the counts are per year. Notwithstanding Key Message 2.2 the leftmost panel shows that over most of CONUS the number of extreme heat days has decreased in recent decades compared to the prior century.

The accompanying discussion in NCA5 becomes convoluted since it appears to be aimed at supporting the Key Message despite the contrary evidence. NCA5 chapter 2 elaborates on KM2.2 by saying (p. 16):

Observations show an increase in the severity, extent, and/or frequency of multiple types of extreme events. Heatwaves have become more common and severe in the West since the 1980s (*high confidence*).

But it does not mention the decline elsewhere. On the next page (p. 17) it says:

By some measures, the most extreme heatwaves on record in the United States occurred during the Dust Bowl era of the 1930s. ... Globally such heatwaves are becoming more frequent, and in recent decades the western United States has been following those trends.

Reference to a global trend seems to be an attempt to tie heatwaves to climate change, but then the obvious question, unaddressed by NCA5, is why only part of the U.S. follows it while most of the country is trending in the opposite direction. These issues were addressed in CWG25 Ch6, demonstrating that the range and magnitude of extreme temperatures (10s of degrees) are driven more by natural variability than the small extra forcing from the enhanced concentrations of CO₂. The data shown in CWG25 shows that in terms of both (a) hot days ($\geq 95^\circ\text{F}$) and (b) number of days in heatwaves, the

current decade is experiencing no more than was experienced 100 years ago. For example, in the 30-year period 1925-1954, representing only 23% of the 1899-2024 data record, the CONUS experienced 33% of the total heat wave days. The most recent 30-years experienced 24%, almost exactly that expected by chance. Thus, the NCA5 claim that “multiday heatwaves have become hotter, more frequent, larger, and longer lasting in recent decades,” is seen to be simply false when expanding the temporal and spatial domains to encompass all available data (Ch6 Fig. 6.3.6 CWG25).

The NCA5 then pointed to the dramatic Pacific Northwest heatwave of 2021. CWG Section 8.6.1 discussed this event in detail, reviewing the findings of multiple peer-reviewed studies that explained the unusual meteorological conditions giving rise to it were unrelated to climate change, a point omitted from the NCA5 discussion.

NCA5 finally turns to the declining heatwave trend in CONUS east of the Rockies but attempts to reframe it by focusing on urban warm spells.

[The] number of very hot days has actually decreased across the central and eastern regions due to summer cooling trends in the region (Figure 2.7; Ch. 22). This does not, however, mean the central and eastern US are not affected by heat. The impacts of extreme high temperatures are more severe if such conditions persist for several days, and overall, multiday heatwaves have become hotter, more frequent, larger, and longer lasting in recent decades. Across 50 large US cities, the US Global Change Research Program heatwave indicator (<https://www.globalchange.gov/indicators/heat-waves>) shows that the average number of heatwaves has doubled since the 1980s, and the length of the heatwave season has increased from about 40 days to about 70 days.

We discussed this issue in CWG25 Section 6.3. The Figure referenced by NCA5 uses an *ad hoc* definition of heat wave, namely two consecutive days with minimum nighttime temperatures above the 85th percentile, and an *ad hoc* time scale which begins in the 1960s thus suppressing any comparison to the 1930s. Nighttime temperatures in urban areas have gone up faster than daytime temperatures (which the NCA5 acknowledges), but this is a signature of urban heat island effects and is not a good metric of climate change.

The NASEM Review failed to raise any of these issues. Much of it focused on social and policy issues (e.g., Comments on Equity and Justice), rather than on the underlying science. In our assessment NASEM failed to apply the serious rigor one would expect. A few extracted comments from it will illustrate. Note that NASEM review comments are included here in blue font for reference. NASEM praised the section as a whole by saying:

The chapter [2] meets the requirements of Section 106 of the GCRA.

Yet contrary to the requirements of Section 106 the NCA5 did not discuss natural variability let alone assess the full climate record available for quantifying natural variability. Chapter 2 actually minimizes natural variability by claiming (unsubstantiated) skill in attributing recent extremes to human causes. For example NCA5’s Chapter 2 Introduction states,

“...recent advances in attribution science (KM 3.3) mean that the role of climate change in some extreme events can now be quantified in real time. For example, climate change made the record-breaking Pacific Northwest heatwave of June 2021 2° to 4°F hotter, and in 2017 ...”

CWG25 reviews the expert literature demonstrating that this particular event would have happened with or without climate change and that for the CONUS, hot extremes are no more frequent now than they were in the past. NASEM did not challenge the unsubstantiated attribution claims in the NCA5.

Notwithstanding NASEM's claim that the section complies with Section 106 of the GCRA it then acknowledged the absence of discussion of natural variability:

...the discussion and references regarding the role of natural climate variability and its regional differences are missing.

While a nod to natural variability is occasionally found in NCA5, it is usually followed by a "however" to emphasize human influence. One example is the statement just before the claim mentioned above pertaining to extreme event attribution: "There has always been extreme weather, which occurs even in an unchanged climate due to the natural variability of the Earth system. However, recent advances in attribution science (KM 3.3) mean that the role of climate change in some extreme events can now be quantified in real time..."

We pointed out that the evidence regarding heatwaves directly contradicts Key Message 2.2. NASEM did not mention this, instead it focused on a somewhat esoteric issue of terminology:

"Extreme Events Are Becoming More Frequent and Severe."

Key Message 2.2 is another generally well written key message. However, while the title of this key message includes the word "risk," the key message is exclusively about hazard. The Committee suggests rewriting the key message title to more accurately reflect the discussion on hazards.

The NASEM review appears to accept the NCA5's use of short data records because it makes no critical remarks about the failure to assess long time series, except for its observation that the use of short records makes the omission of natural variability that much more of a problem:

It is also important to point out that the influence of natural climate variability becomes particularly strong when the climate trend is computed based on short periods of time or small geographic areas.

This comment was largely ignored in the NCA5 final text.

From: John Christy <climateman60@gmail.com>
Sent: Monday, June 9, 2025 2:59 PM
To: Ross McKitrick
Cc: Steven Koonin; Judith Curry; Roy W. Spencer; Travis Fisher; Josh Loucks
Subject: Re: Report structure

Thanks Ross, I was hoping you would scrub my words with the Queen's English.

John C.

On Mon, Jun 9, 2025 at 1:09 PM Ross McKitrick <ross.mckitrick@gmail.com> wrote:

While we don't need to do it everywhere I think it can be a useful way to highlight how slanted the NCA5 prose is.

I'm doing some editing of John's heatwave section and another useful contrast is between NCA4 and NCA5 language when the trends didn't change between reports but the tone sure did. Showing readers the NCA4 writeup compared to the NCA5 neatly illustrates the problem.

On Mon, Jun 9, 2025 at 1:59 PM Steven Koonin <steven.koonin@gmail.com> wrote:

Worth discussing.

On the pro side, an exemplar rewrite quickly and clearly conveys to the reader where NCA5 went wrong. It also offers an alternative “sound bite” that people can remember (contrast “SLR of 1 foot by 2050” vs “no climate-significant acceleration detected”)

What are the “con” arguments?

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Cc: John Christy <climateman60@gmail.com>; Roy W. Spencer <roywspencer@hotmail.com>; Travis Fisher <travis.scott.fisher@gmail.com>; Steve Koonin <steven.koonin@gmail.com>; Josh Loucks <loucksj14@gmail.com>
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Attached with a few edits. We do not have a Southwest region for precipitation.

I noted that the positive trend in the Midwest reflects the dryness of the Dust Bowl.

I added the map in the Appendix.

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I'll take a closer look after later revisions.

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Professor, Atmos and Earth Science

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Also, in thinking about a concluding chapter, while we aren't in a position to make a legal ruling I'd like us to at least write some things down that should be considered by those who are. We can also offer thoughts as expert readers of the report and as citizens interested in good policy.

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Judith Curry, President

CFAN - Climate Forecast Applications Network

Reno, NV USA

curry.judith@cfanclimate.com | +1.404.803.2012

<http://www.cfanclimate.net>

From: Steven Koonin <steven.koonin@gmail.com>
Sent: Monday, June 9, 2025 2:00 PM
To: 'Judith Curry'; 'Ross McKittrick'
Cc: 'John Christy'; 'Roy W. Spencer'; 'Travis Fisher'; 'Josh Loucks'
Subject: RE: Report structure
Attachments: ~WRD0003.jpg

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From: John Christy [climateman60@gmail.com]
Sent: 6/9/2025 3:16:58 PM
To: Ross McKittrick [ross.mckittrick@gmail.com]
CC: Roy W. Spencer [roywspencer@hotmail.com]; Judith Curry [curry.judith@gmail.com]; Travis Fisher [travis.scott.fisher@gmail.com]; Steve Koonin [steven.koonin@gmail.com]; Josh Loucks [loucksj14@gmail.com]
Subject: Re: Report structure
Attachments: NCA5_Sec_4.2 Heat_Ext_JRC_250609.0.docx

All

Here is a first draft of the Heat Extremes section or 4.2

John C.

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Section 4.2 Heat Extremes

There are mixed (and somewhat convoluted) messages in NCA5 regarding the notion that hot extremes are increasing in the CONUS. From NCA5 chapter 2 these statements relate to extremes in heat,

[Key Message 2.2] Extreme Events Are Becoming More Frequent and Severe

Observations show an increase in the severity, extent, and/or frequency of multiple types of extreme events. Heatwaves have become more common and severe in the West since the 1980s (high confidence).

And later,

The Risk of Temperature Extremes Is Changing

By some measures, the most extreme heatwaves on record in the United States occurred during the Dust Bowl era of the 1930s. ... Several major heatwaves have affected the US since 2018, including a record-shattering event in the Pacific Northwest in 2021. The western US has been particularly affected by extreme heat since the 1980s (Figure 2.7), experiencing a larger increase in days over 95°F, as would be expected given the greater warming in that region relative to the eastern US. By contrast, the number of very hot days has actually decreased across the central and eastern regions due to summer cooling trends in the region (Figure 2.7; Ch. 22). This does not, however, mean the central and eastern US are not affected by heat. The impacts of extreme high temperatures are more severe if such conditions persist for several days, and overall, multiday heatwaves have become hotter, more frequent, larger, and longer lasting in recent decades. Across 50 large US cities, the US Global Change Research Program heatwave indicator (<https://www.globalchange.gov/indicators/heat-waves>) shows that the average number of heatwaves has doubled since the 1980s, and the length of the heatwave season has increased from about 40 days to about 70 days.

Nighttime temperatures are rising faster than daytime temperatures, and the number of nights where the temperature never falls below 70°F is increasing everywhere in the US except the Northern Great Plains (Figure 2.7). The extent of CONUS experiencing hot summer nights is growing at a faster rate than the extent experiencing hot summer days.

While the statements above may be factually correct, they are misleading because they are factually incomplete. The NCA5 focused much of the heat-discussion on what was experienced in the West since the 1980's, as well as rising nighttime temperatures since the 1960's. It only briefly mentions the long-term decline in heat extremes in most of the CONUS. We also note the convoluted reasoning in the quote above that hot extremes are apparently due to "greater warming" in the western region than experienced elsewhere and that declining hot extremes elsewhere are "due to summer cooling trends". Since "trends" do not cause changes, one might ask, "What caused the warming *and* cooling trends?"

The NASEM Review provided few comments on the explicit issues of assessing the changes in extreme temperatures. Much of its review focused on social and policy issues (e.g., Comments on Equity and Justice), rather than on the confidence we have in the scientific assumptions that elicited the social and policy discussion. In our assessment, the NASEM review lacked the normal rigor in which questionable

claims and analysis are challenged. A few extracted comments from the NASEM review with our remarks are below.

The chapter [2] meets the requirements of Section 106 of the GCRA.

This NASEM statement is of some concern as the chapter did not thoroughly address natural variability nor did it assess the full climate record available for analysis that would aid in quantifying natural variability. Chapter 2 actually minimizes natural variability by claiming (unsubstantiated) skill in attributing recent extremes to human causes. For example NCA5's Chapter 2 Introduction states, "...recent advances in attribution science (KM 3.3) mean that the role of climate change in some extreme events can now be quantified in real time. For example, climate change made the record-breaking Pacific Northwest heatwave of June 2021 2° to 4°F hotter, and in 2017 ..." CWG25 demonstrates that this particular event would have happened in any case and that for the CONUS, hot extremes are no more frequent now than they were in the past.

...the discussion and references regarding the role of natural climate variability and its regional differences are missing.

This comment is correct, but difficult to find explicit comments on in the NCA5 given that NCA5 neglected to examine over half of the available CONUS climate record which begins in the late 19th century – a period obviously dominated by natural variability. While a nod to natural variability is occasionally found in NCA5, it is usually followed by a "however" to emphasize human influence. One example is the statement just before the claim mentioned above, NCA5: "There has always been extreme weather, which occurs even in an unchanged climate due to the natural variability of the Earth system. However, recent advances in attribution science (KM 3.3) mean that the role of climate change in some extreme events can now be quantified in real time. For example, climate change made the record-breaking Pacific Northwest heatwave of June 2021 2° to 4°F hotter, and in 2017 ..."

"Extreme Events Are Becoming More Frequent and Severe."

Key Message 2.2 is another generally well written key message. However, while the title of this key message includes the word "risk," the key message is exclusively about hazard. The Committee suggests rewriting the key message title to more accurately reflect the discussion on hazards.

The NASEM review appears to accept the NCA5's use of data records going back only to the 1960's and 1980's because it makes no critical remarks about the NCA5's neglect of the available evidence to assess longer time scales and the broader geographic area (CONUS). Rather, the NASEM review of Key Message 2.2 is only concerned about the title rather than its misleading content.

It is also important to point out that the influence of natural climate variability becomes particularly strong when the climate trend is computed based on short periods of time or small geographic areas.

This comment was largely ignored in the NCA5 final text.

These heat issues were addressed in Ch6 of the CWG25, demonstrating that the range and magnitude of extreme temperatures (10s of degrees) are driven more by the chaotic behavior of natural variability than the small extra forcing from the enhanced concentrations of CO₂. The CWG25 conclusion is that in terms of both (a) hot days ($\geq 95^{\circ}\text{F}$) and (b) number of days in heatwaves, the current decade is experiencing no more than was experienced 100 years ago. For example, in the 30-year period 1925-1954, representing only 23% of the 1899-2024 data record, the CONUS experienced 33% of the total heat wave days. The most recent 30-years experienced 24%, almost exactly that expected by chance. Thus, the claim “multiday heatwaves have become hotter, more frequent, larger, and longer lasting in recent decades,” is simply false when expanding the temporal (to 1899) and spatial (entire CONUS) domains to evaluate the data that is available (Ch6 Fig. 6.3.6 CWG25).

Regarding hot days, Fig. X below displays the occurrence of days $\geq 95^{\circ}\text{F}$, showing the increase in the three western regions and declines elsewhere. The trends in both heatwave days and hot days are (insignificantly) negative for the CONUS as a whole.

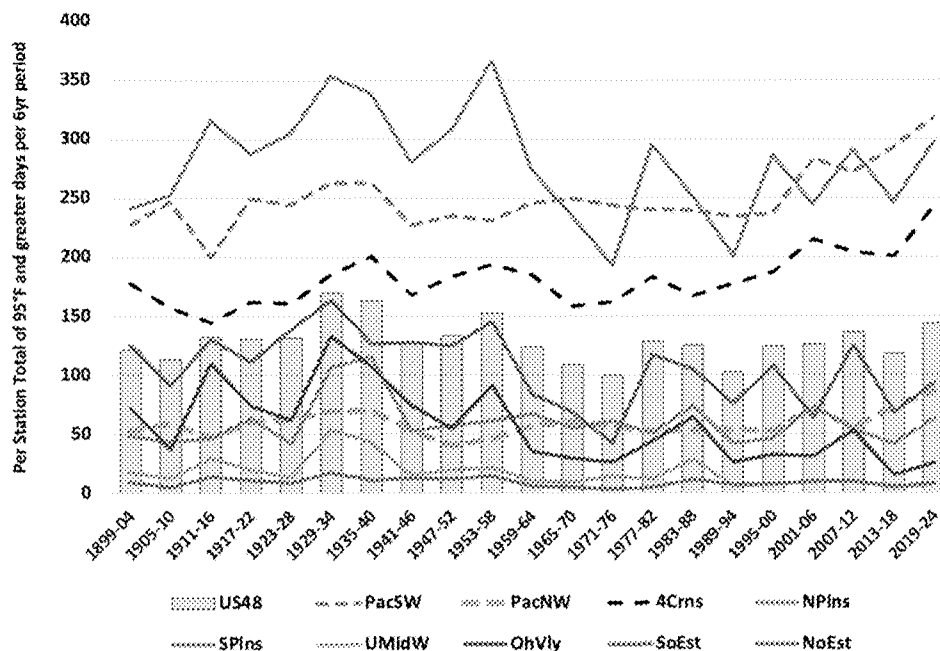


Figure. Number of days $\geq 95^{\circ}\text{F}$ in 6-year periods (1899-2024) for nine CONUS regions (lines, dashed positive trends, solid negative trends) and full CONUS (bars).

The fact (and we agree it is a fact) that summer nighttime temperatures have risen rapidly since 1960 nearly everywhere, and especially in the largest cities, is clear. However, and not explicitly pointed out in NCA5, this observation is more a consequence of the urban heat island effect (which has greatest impact on nighttime temperatures and on stations changing from rural to semi-rural, Ch6 CWG25) and the choice of starting in the 1960's, the coolest decade since the 1910's.

In attributing claims of rising heat extremes to GHG concentrations, the NCA5 concentrated on the West but is silent on the attribution of declining heat extremes in the eastern 2/3 of the CONUS (the statement “due to summer cooling trends” does not suffice) or the major role that the increasing growth of infrastructure around the stations exerts on nighttime temperatures. The scientific method requires one to demonstrate that a claim must represent all of the evidence, not simply a small portion that

agrees with the claim. In this instance the NCA5 falls short of rigorously demonstrating that rising GHG concentrations are responsible for the observed changes (or lack thereof) in hot extremes in the CONUS which are more fully explainable by natural variability (1930's Dust Bowl, cool 1960's) and urbanization (nighttime warming.)

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>

>

> <NCA5.Review.[RM].June8.docx>

[08]

Ross

Attached with a few edits. We do not have a Southwest region for precipitation. I noted that the positive trend in the Midwest reflects the dryness of the Dust Bowl. I added the map in the Appendix.

Steve.

The occurrence of Daily High Temp records for 1978 to 2017 has a positive trend that explains only 2 percent of the variance, so the trend is not significant.

I'll take a closer look after later revisions.

John C.

John Christy
Director, Earth System Science Center
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Review of the Fifth National Climate Assessment

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1 INTRODUCTION

1.1 About this Report

This report responds to a request from OSTP Director Michael Kratsios (reproduced in Appendix XX) that we assess the suitability of the Fifth National Climate Assessment for informing climate and energy policies.

To conduct this assessment we reviewed NCA5 itself, NASEM review of the Third Order Draft and the USGCRP responses to the review. We have drawn upon our long experience working on advisory reports, including for the NASEM, IPCC and other organizations, as writers, reviewers and project leaders.

We find that NCA5 should not be relied on for policy making as it is an incomplete and misleading picture of our understanding of the changing climate and the risks it poses to the nation. NCA5 was selective and incomplete in its survey of the science as of its publication date in 2023 and has become even more so in the years since. We have reviewed many key scientific developments in a separate report to Energy Secretary Wright (Climate Working Group 2025, herein denoted “CWG25”). The overall effect of its biases and omissions is an excessively dire picture of climate risk.

Our report begins with background on the National Climate Assessments. We then discuss the standards by which we have assessed NCA5, followed by specific deficiencies that we have we’ve identified.

1.2 About the National Climate Assessments

The U.S. Global Change Research Program (USGCRP) was established by Presidential Initiative in 1989 and mandated by Congress in the Global Change Research Act (GCRA) of 1990 to develop and coordinate “a comprehensive and integrated United States research program which will assist the Nation and the world to understand, assess, predict, and respond to human-induced and natural processes of global change.”

The National Climate Assessment (NCA) Reports evolved from the GCRA requirement to

Prepare and submit to the President and the Congress an assessment which (1) integrates, evaluates, and interprets the findings of the Program and discusses the scientific uncertainties associated with such findings; (2) analyzes the effects of global change on the natural environment, agriculture, energy production and use, land and water resources, transportation, human health and welfare, human social systems, and biological diversity; and (3) analyzes current trends in global change, both human-induced and natural, and projects major trends for the subsequent 25 to 100 years.

The five NCA Reports to date have interpreted this mandate in different ways:

- NCA1 (2000) was a multidisciplinary effort to study and portray in regional detail the potential effects of human-induced global warming on the United States.
- NCA2 (2009) was a relatively short report that not only focused on the potential consequences of climate change, but also sought to identify potential adaptation measures and identify the highest priorities for future research.

- NCA3 (2014) was an expanded effort that continued along the lines of NCA2, and was distinguished by a comprehensive review process, including a review by the National Academy of Sciences.
- NCA4 (2017/2018) was an expanded effort published in two volumes: I Climate Science Special Report, and II Impacts, Risk, and Adaptation in the United States. This was the first NCA report to devote significant effort to assessing climate science. NCA4 introduced a traceability analysis for each key finding, including a cursory description of uncertainties.
- NCA5 (2023) returned to a single volume format, reducing discussion of climate science to a cursory two chapters, with continuing with a focus on regional and sectoral impacts of climate change. NCA5 expanded its remit to topics that are arguably outside the purview of the USGCRP, focusing on “Climate Action” and policy recommendations with a social justice emphasis. NCA5’s self-description is reproduced as Appendix II.

These successive interpretations of the NCA are poorly aligned with the GCRA’s statutory requirements. Only NCA4 gives serious consideration to climate science, which receives the great majority of USGCRP funding, and even then misrepresents some important points (see the Box nearby for an example). Natural climate variability is essentially dismissed as unimportant in NCA4 and barely mentioned in NCA5 in most contexts, despite the mandate to include both human-caused and natural climate change. Most significantly, NCA5 has redirected the focus away from climate science and even the hazard elements of impacts, towards evaluation of societal vulnerabilities and advocacy for particular policy options, especially wind and solar power. The cover image for the NCA5 Report is the installation of a solar panel.

START BOX

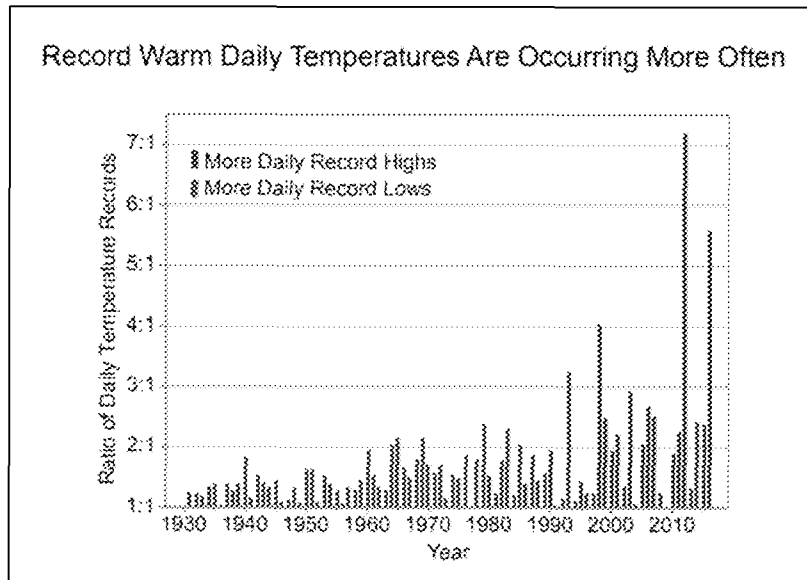
NCA4’s Figure ES.5: A Tale of Deception and Review Failure

A disappointing example of NCA4’s misrepresentation of climate science involves U.S. temperature extremes. Here is a summary of the issue; details can be found in Koonin (2024).

NCA4’s Part I (Climate Science Special Report, CCSR) says (prominently and with *Very High Confidence*) on Page 19 of the Executive Summary:

There have been marked changes in temperature extremes across the contiguous United States. The number of high temperature records set in the past two decades far exceeds the number of low temperature records.

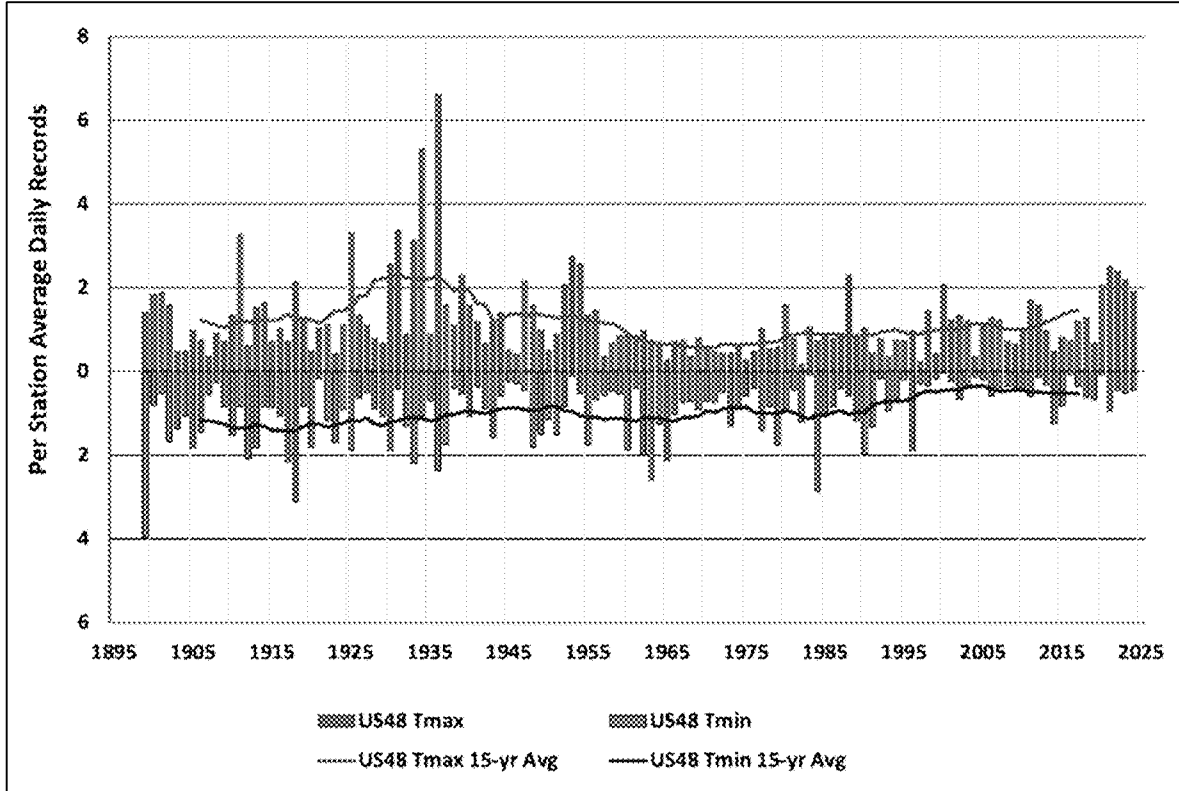
and offers this figure in support:



CSSR Figure ES.5 The ratio of the number of daily record high temperatures to daily record low temperatures for many stations across the 48 contiguous states is shown for each year from 1930 to 2017. The lighter bars show a year in which there were more record highs than lows, while the darker bars show years in which there were more record lows than highs. The height of the bar indicates the ratio of record highs to record lows for each year. For example, a ratio of 2:1 for a dark bar means that the stations had twice as many record daily lows as record daily highs for that year. (CSSR, 2017)

Three idiosyncratic choices combine to generate the figure's seemingly alarming rise in recent decades. First, because the record extremes tallied are defined conventionally (i.e., each more extreme than any preceding value in the history), the numbers of record highs and record lows are both expected to decline through the years (it becomes increasingly unlikely that a record will be exceeded). Second, the graph displays not the numbers of record highs and lows, but rather their ratio. And finally, the history begins only in 1930 when, in fact, data exist beginning in the late 19th Century. The upshot of these choices is that the resultant figure is guaranteed to show a long period of quiescence around followed by dramatic variations, creating the impression of large changes in recent decades, even if they aren't present.

Figure 6.3.3 of our report (reproduced below) shows the results of a proper analysis – defining each record as the singular extreme in the history, displaying numbers of warm and cold records separately, and beginning the analysis in 1899 rather than 1930. It makes evident the exceptional heat of the 1920s and especially the 1930s, peaking in 1936. The increased heat of the past five years is too brief to be deemed climatically significant and, in any event, occurred after the CSSR was published in 2017. On the cold side, the Valentine's Day Arctic outbreak in Feb 1899 stands as the most extensive cold extreme experienced by CONUS, with 1917 in 2nd place. The frequency of cold records has declined, especially over the last quarter of the period in which only 13 percent of the extreme cold events were measured. In contrast, 25 percent of the extreme Tmax records were achieved in the last quarter, in accordance with statistical expectations. As a result, the ratio shown in the CSSR explodes in recent decades. And the overall reduction in numbers of both cold and hot extremes over the past century indicates a climate *less* prone to extremes, in sharp contrast to the title of the CSSR figure, "Record Warm Daily Temperatures Are Occurring More Often".



Number of daily record High (red) and Low (blue) temperatures for warm and cold seasons in the CONUS. The lines represent the 15-year running, centered average. Source: 1,211 USHCN stations supplemented as needed to achieve a minimum of 92 percent of observations in the 126-year period since Dec 1898. US48: contiguous U.S. states. Tmax: maximum temperature. Tmin: minimum temperature.

The National Academies' expert review panel criticized the discussion of temperature extremes in a late draft of the CSSR. In reference to the CSSR's Key Finding 2 of Chapter 6, they said:

Further, it is difficult to understand how a statement that includes increases in extreme warmth can be associated with a high confidence or extremely likely statement, given that most of the graphics in this chapter show a decrease in extreme warmth in the historical record.

The Federal official in charge of the CSSR (Michael Kuperberg, Executive Director of the USGCRP) responded to the Academies' review by noting that

Almost every recommendation from the NAS was incorporated [in the final version]... and a new figure was added on changes in record high and low temperatures

The "new figure" referred to is the Figure ES.5, which did not appear in the draft reviewed by the Academies' panel. It seems unlikely that the Academies panel ever saw that figure because they surely would have commented if they had and it wouldn't have survived to publication. And the

figure's problems were evidently not flagged (or were ignored) in the subsequent internal government reviews.

While the following statement has far less headline potential than that from the CSSR's page 19 quoted at the beginning of this box, it has advantage of being correct:

There have been some changes in temperature extremes across the contiguous United States. The annual number of high temperature records set shows no significant trend over the past century nor over the past 40 years, but the annual number of record cold nights has declined by a factor of 4 since 1895, somewhat more rapidly in the past 30 years.

END BOX

1.3 Standards for Assessing NCA Products

Good climate and energy policies will balance the risks and benefits of a changing climate against the world's growing demand for reliable and affordable energy. To strike that balance, policymakers must understand at least two complex and nuanced topics –the certainties and uncertainties of climate science and the technoeconomic realities of energy systems. Experts in those subjects are ~~the only people~~ who can bring the facts to the discussion and so have a unique responsibility to communicate their understanding to non-experts clearly, completely, and without bias.

Expertise in energy systems resides largely in the private sector, where it is essential to providing the reliable and affordable energy services that are the lifeblood of society. Understanding is therefore continually refined and tested by the discipline of the marketplace. In contrast, climate science expertise is found largely in the non-profit realm of universities and government laboratories and so has a more academic character.

Because climate is at the core of human existence, it can engender passion and emotion. Indeed, some younger climate scientists have gone into the field to "save the planet." So it isn't surprising that objectivity can suffer when climate scientists communicate their understanding to non-experts. Further, the field of climate science has been politicized by NetZero mandates. ~~When that happens, it~~ This lack of objectivity usurps the public's right to make informed choices and undermines their confidence in the scientific enterprise.

Philip Handler, President of the National Academy of Sciences, identified the problem in a 1980 editorial that resonates eerily four decades later:

Difficulty arises in the scientific community from confusion of the role of scientist *qua* scientist with that of scientist as citizen, confusion of the ethical code of the scientist with the obligation of the citizen, blurring the distinction between intrinsically scientific and intrinsically political questions. When scientists fail to recognize these boundaries, their own ideological beliefs, usually unspoken, easily becloud seemingly scientific debate.

In Appendix XX we include a letter of guidance from the Office of General Counsel, U.S. Department of Energy, summarizing the extent of statutory requirements governing USGCRP work products in general and NCA products in particular.

We can summarize the standards applicable to the NCA as follows:
- details.

Beyond the statutory requirements we draw attention to two other pertinent standards. President Trump's executive order of May 23, 2025, "Restoring Gold Standard Science" enumerates some of the characteristics of good science:

- i. reproducible;
- ii. transparent;
- iii. communicative of error and uncertainty;
- iv. collaborative and interdisciplinary;
- v. skeptical of its findings and assumptions;
- vi. structured for falsifiability of hypotheses;
- vii. subject to unbiased peer review;
- viii. accepting of negative results as positive outcomes; and
- ix. without conflicts of interest.

Although these should be self-evident to those trained in science, it is surprising that some have found them controversial.

Finally we consider that when scientific reports are being assembled that will be highly influential on climate policymaking there are other desiderata, including statements about the strength of climate knowledge. The IPCC's approach is based on judgment of the available evidence and agreement among experts. More sophisticated knowledge characterizations for risk management include: REFERENCE AVEN

- The degree to which the assumptions made are reasonable/realistic based on background knowledge—concern about the focus on implausible emissions scenarios RCP8.5/SSP5–8.5
- The degree to which data/information exists and are reliable and relevant—the historical and paleo database is inadequate for a complete characterization of natural climate variability on multi-decadal to millennial time scales
- The degree to which there is disagreement among experts (including those from different environments or academic fields)—attempts to suppress disagreement and alternative perspectives among experts
- The degree to which the phenomena involved are understood and accurate models exist—concerns about the fidelity and utility of climate models
- The degree to which the knowledge has been thoroughly examined with respect to unknown knowns and—neglect of the unknown knowns associated with natural climate variability

With this background we now present our critique of NCA5.

2 OVERVIEW CHAPTER: HYPERBOLIC ADVOCACY LANGUAGE AND NON-SCIENTIFIC TONE

The opening Chapter 1 “Overview” holds a prominent place since it serves as a summary of the whole report and is all that many will read. While there is much sound scholarly content in the later sections of NCA5, Chapter 1 is marred by pervasive use of advocacy language and a tone overly focused on promoting aggressive emission reduction policies. The authors must have known this chapter would be mined for quotes by the media and activists looking to add an imprimatur of scientific authority to oversimplified declarations of opinion. Many examples can be cited; here we provide a few particularly egregious ones.

The chapter opens as follows:

The more the planet warms, the greater the impacts. Without rapid and deep reductions in global greenhouse gas emissions from human activities, the risks of accelerating sea level rise, intensifying extreme weather, and other harmful climate impacts will continue to grow. Each additional increment of warming is expected to lead to more damage and greater economic losses compared to previous increments of warming, while the risk of catastrophic or unforeseen consequences also increases.

This statement presupposes all warming is anthropogenic in origin, all warming is bad and causes economic damage, warming causes extreme weather to intensify. Such sweeping generalizations go well beyond what science has or can establish. A scientifically-sound version of this paragraph would instead say something like the following:

The Earth is undergoing a warming trend caused by a combination of natural and anthropogenic influences. This warming can be expected to generate a mix of benefits and harms that varies by region, to which society should be prepared to adapt. There is evidence that some types of extreme weather have worsened, while others have not changed or have even declined in intensity. Reducing emissions of greenhouse gases can slow the warming process although such policies have proven to be very expensive, so the costs need to be weighed against the potential benefits.

On the next page the Overview goes on to say:

Each additional increment of warming leads to greater risks [here it lists 7 key components of society including food security and the economy]... Without deeper cuts in global net emissions, climate risks to the US will continue to grow... Action to limit future warming and reduce risks can have near-term benefits and opportunities: low-carbon energy jobs, Improved air quality, Health benefits, Economic benefits...”

The authors write as if climate policy does not involve trade-offs and all measures to reduce future warming will be effective and beneficial. But the vast body of scholarship on climate science and economics does not support such simplistic claims. Not every additional increment of warming leads to economic harms, indeed (as is acknowledged in Chapter 19 on Economics) in some cases it is

expected to yield benefits. Nor is climate policy guaranteed to create jobs or benefit the economy; in many cases it has done the opposite. It is a disservice to policymakers not to be honest about this.

Page 9 promotes renewable energy options by arguing that the “levelized” costs of wind and solar power generation have fallen sharply since 2010. But “levelized” refers to the lifetime project cost averaged over all power production and ignores the intermittency problem: namely solar and wind are not always available. It results in an invalid comparison since even if, for instance, the levelized cost of solar energy per megawatt-hour falls below that of coal, coal power is available continuously and on demand whereas solar is not. The proper comparison would adjust for the difference in availability by considering the cost of supplementing solar and wind with backup natural gas-fired systems or battery storage, and on that basis renewable energy remains prohibitively expensive. Here again it is a disservice to readers not to acknowledge these facts.

Page 14 presents future emission scenarios with the following description: “Climate modeling experts develop global climate projections for a range of plausible futures.” The word “plausible” is applied to all the scenarios. The accompanying Figure includes both SSP3-7.0 and SSP5-8.5, the latter reaching the same radiative forcing as RCP8.5. The figure does not contrast observed emissions against model projections nor does it caution readers that SSP3-7.0 and SSP5-8.5 are extreme worst case scenarios that, like RCP8.5, have been heavily criticized in the scientific literature (CWG25 3.2.1). By describing the entire envelope of emission projections as “plausible” the report opens the door to later presenting impacts associated with extreme and implausible emission scenarios as part of a baseline “business-as-usual” future.

Page 17 (and elsewhere) invokes the NOAA Billion Dollar Dataset as an indicator of weather getting worse. Scientists have shown that this is an invalid metric (CWG 10.2) since it measures the growth of the economy not the frequency of extreme weather, and indeed NOAA has withdrawn the data product. Even though it was still distributed by NOAA at the time of the NCA5, the report authors should have assessed it skeptically and seen that it was unfit for the purpose of measuring climate trends.

Page 23 states, in large font:

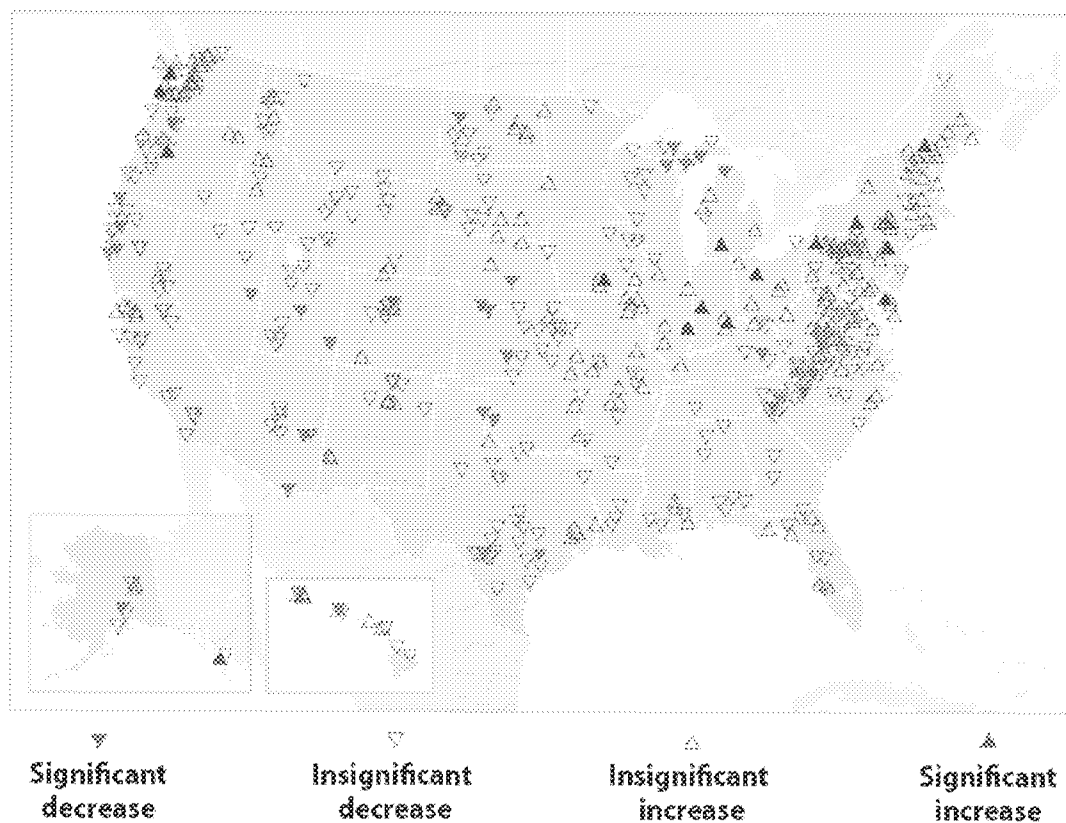
Climate changes are making it harder to maintain safe homes and healthy families; reliable public services; a sustainable economy; thriving ecosystems, cultures, and traditions; and strong communities.

It is pointless to try to evaluate this statement on scholarly grounds; it is self-evidently hyperbolic. This kind of language doesn’t belong in a scientific assessment report. Its prominent inclusion points not only to the willingness of NCA5 authors to promote hysteria, but also the ineffectiveness of the review process at not ensuring such statements are removed.

We won’t try to cite all the remaining examples of advocacy and hyperbole in the Overview chapter; one more example will suffice. Page 26 states “Increasing flooding puts more people and assets at risk.” The accompanying figure contrasts model-projected flood losses by county in 2050 to that observed in 2020 as estimated in Wing *et al.* (2022)¹. Hence the evidence for the claim is not currently-observed trends, it is a model-generated projection of changes. But current trends in U.S.-based flooding reveal a more complex picture with a general overall trend towards less flooding. The

¹ Wing, Oliver, William Lehman, Paul Bates *et al.* (2022) Inequitable patterns of US flood risk in the Anthropocene. *Nature Climate Change* 12 156—162 <https://www.nature.com/articles/s41558-021-01265-6>

Environmental Protection Agency's "Climate Change Indicators: River Flooding" webpage² shows maps both of flood magnitude and frequency. Both show more regions experiencing declines over 1965-2015 than increases. Hence current trends indicate generally declining U.S. flood risks, but the NCA5 Overview not only fails to mention this but declares the opposite based on a single study presenting model-generated forecasts of flood activity decades in the future.



U.S. Flood magnitude trends 1965-2015.

Source: <https://www.epa.gov/climate-indicators/climate-change-indicators-river-flooding>

² <https://www.epa.gov/climate-indicators/climate-change-indicators-river-flooding>

3 ONE-SIDED OVERSIMPLIFICATIONS IN SCIENCE SUMMARY CHAPTERS

Chapters 2 (Climate Trends) and 3 (Earth Systems Processes) form the scientific core of NCA5. As we will show in the following examples they fail to meet statutory requirements to discuss scientific uncertainties and the role of natural variability, and they fail to meet the more stringent implicit standards expected of a policymaking report.

3.1 Increased Lower Bound of Climate Sensitivity

The promotional tone of Chapter 1 is carried forward into Chapter 3 (Earth System Processes) where, on page 3-10, Key Message 3.2 states “The Estimated Range of Climate Sensitivity Has Narrowed by 50%”. Referring to Equilibrium Climate Sensitivity (ECS) the section elaborates:

Recent improvements in the understanding of how climate feedbacks vary across timescales have narrowed the estimated *likely* range of warming expected from a doubling of atmospheric carbon dioxide by 50% to between 4.5°F and 7.2°F (*high confidence*).... This uncertainty reduction results from advances in combining observations and targeted modeling results from nearly independent lines of evidence, each of which generally agrees on the values of ECS. The lines of evidence include 1) observed present-day variations on monthly to interannual timescales from which cloud and other climate feedbacks are inferred; 2) observed temperature changes between the preindustrial period and present and associated relationships to ERF; and 3) estimated temperature and radiative forcing changes for multiple warm and cold periods in paleoclimate records.

The graphic summary on page 3-11 states

The reduced uncertainty in climate sensitivity and climate feedback has been achieved through unprecedented quantitative synthesis of evidence from observed changes over recent decades, the industrial era, and paleoclimate.

This is a very inadequate description of the situation. The key development in AR6 was a *reduction* of confidence in the ability of climate models to identify ECS and the shift away from the model-based method the IPCC had relied on since AR1 in 1990. The IPCC instead turned to data-driven ECS estimation and specifically chose a single paper from the scientific literature, Sherwood *et al.* (2020³) for the purpose. It combined paleoclimate data, modern instrumental data and modern observations of climate processes, mainly cloud-related, that govern key feedbacks. Sherwood *et al.* used a subjective Bayesian method to determine the likely range of ECS values. The Bayesian approach begins with the researcher specifying a “prior”, namely an expectation of what the answer will be before seeing the data. In this case the prior consists of an expected ECS range based on the researchers’ subjective beliefs. Then the data are allowed to influence the ECS distribution and the final result is a weighted average of the assumed prior and the data-driven result. Sherwood *et al.* found a best (or median) ECS estimate of 5°F (3°C), which was close to previous model-based

³ Sherwood, S. C., Bony, S., Boucher, O., Bretherton, C. S., Forster, P. M., Gregory, J. M., & Stevens, B. (2020). An assessment of Earth's climate sensitivity using multiple lines of evidence. *Reviews of Geophysics*, 58(4). <https://doi.org/10.1029/2019rg000678>

estimates but raised the likely lower bound by 1.7°F from 2.5°F to 4.2°F. The IPCC accepted this result and increased the best estimate to 3.1°C.

The NCA5 was published in November 2023. Well before that, in September 2022, Lewis (2023) had been published online at *Climate Dynamics* presenting a forceful critique of Sherwood *et al.*⁴ One of Lewis' points was that Sherwood *et al.*'s result was dependent on their chosen subjective prior. Lewis recommended using an objective Bayesian method, which places primary weight on the data rather than the researcher's expectation. Using that and updated forcing data from AR6, Lewis estimated an ECS best estimate of 3.7°F (2.2°C) with a likely lower bound of 2.7°F (1.6°C).

Hence, in contrast to the promotional language of Chapter 3 a more valid summary of the ECS literature as it stood at the time of writing the NCA5 would be what we wrote in CWG25 (emphasis added):

For the AR6, the IPCC placed primary weight on the results of Sherwood *et al.* (2020) that combined historical and paleoclimate proxies with the process-based approach and yielded a best estimate of 3.1°C with a *likely* range of 2.6-3.9°C. Lewis (2022) raised a number of concerns about this result, including methodological errors, outdated input values, and use of subjective versus objective Bayesian priors in the analysis. Lewis' analysis found that climate sensitivity is estimated to be much lower and better constrained than in the Sherwood *et al.* analysis – median 2.2°C (1.8–2.7°C in the 17–83 percent *likely* range, and 1.6–3.2°C in the 5–95 percent *very likely* range). **The IPCC AR6 estimated only a 5 percent probability that ECS was below 2.3°C, whereas Lewis estimated it to be over 50 percent.** The most recent publications on the debate between Sherwood *et al.* and Lewis further defend their respective positions: Sherwood and Foster (2024) and Lewis (2025).

3.2 Presenting New Emission Scenarios as a Scientific “Advance”

Chapter 3 pp. 13-14 treats the release of new emission scenarios as a scientific “advance” without addressing the failure of many previous scenarios to match reality or providing an honest assessment of the likelihood that the new ones are biased in the same way.

Key Message 3.3 states “New Data and Analysis Methods Have Advanced Climate Science” and includes the following:

New scenarios of socioeconomic development, and their associated emissions and land-use changes, drive updated climate projections from Earth system models. The Scenario Model Intercomparison Project (ScenarioMIP) organized the main set of 21st-century projection experiments under the latest phase of the Coupled Model Intercomparison Project, CMIP6. These CMIP6 projections used newly developed scenarios based on Shared Socioeconomic Pathways (SSPs; Figure 3.4). Five SSPs represent alternative plausible trajectories of 21st-century GDP and population growth and the pace and pervasiveness of socioeconomic and technological progress within individual nations and across the world (see Table 3 in the Guide to the Report). SSP-specific drivers are used in integrated assessment models (IAMs)

⁴ Lewis, N. (2023). Objectively combining climate sensitivity evidence. *Climate Dynamics*, 61(9–10), 3155–3163. <https://doi.org/10.1007/s00382-022-06398-8>. The final citation for this paper is Lewis (2023) because the print edition did not appear until 2023, but the article was accepted in August 2022 and the online edition appeared and was in circulation in September 2022.

to simulate the corresponding evolution of the energy system and the resulting greenhouse gas trajectories. These are in turn used by ESMs to drive their 21st-century projections.

There is nothing wrong with NCA5 discussing the development of new emission scenarios which serve as inputs to climate change projections and impact studies. But it is a serious omission not to inform the reader of the failure of many previous IPCC scenarios to match reality and the tendency of the scenario groups to exaggerate near-term and long-term CO₂ concentration growth (CWG25 3.2.1). It is also a serious omission not to caution readers that many climate impact studies use RCP8.5 which by the time of NCA5 had already been heavily criticized in the literature.

The same section also reports the availability of new and larger model ensembles as a scientific advance, without addressing ways in which models are getting worse in some key respects (CWG Ch 5).

3.3 Uncritical Promotion of “Emergent Constraints”

Chapter 3 page 17 presents the topic of “emergent constraints” in uncritical terms:

An approach to reduce uncertainty in climate change projections has matured over the past decade. It is known as “emergent constraints.” The term refers to strong statistical relationships between highly uncertain future climate parameters and observable trends or variations in the current climate, along with a physical explanation of this relationship.

Emergent constraints appeared in the climate modeling literature as a way to tie GCM behavior to climate observations in hopes of generating insight into real-world ECS. Climate models exhibit a wide range of sensitivities. The idea of emergent constraints is to examine whether the models with shared sensitivity values also share a common representation of some climate process (usually related to clouds) that might indirectly influence ECS. Suppose, for instance, that in low-ECS models the total cloud fraction in the tropics is strongly correlated with that in the southern midlatitudes but in high-ECS models the correlation is weak. Then researchers could check if the observed correlation is strong or weak and draw a conclusion about which type of model, and therefore which ECS value, is more likely.

A problem in the emergent constraint literature is that there has been a large proliferation of proposed correlations with little physical motivation. Many emergent constraints patterned on CMIP5 models failed to work on CMIP6 models (Schlund *et al.* 2020)⁵. In other words, the observed correlations in CMIP5 models between ECS and cloud processes failed to show up in CMIP6 models, indicating that they were likely spurious rather than clues to physical processes governing the Earth climate system. The result was that emergent constraints estimated on CMIP5 models widened the range of estimated ECS values when applied to CMIP6 models.

Schlund *et al.* summarized the problem as follows:

In this study, we systematically analyze 11 published emergent constraints on ECS that have mostly been derived from models participating in the Coupled Model Intercomparison Project Phase 5 (CMIP5) project... The focus of the study is on testing if these emergent

⁵ Schlund, Manuel, Axel Lauer, Pierre Gentine, Steven C. Sherwood, and Veronika Eyring (2020) Emergent constraints on equilibrium climate sensitivity in CMIP5: do they hold for CMIP6? *Earth System Dynamics* 11 1233-1258 <https://doi.org/10.5194/esd-11-1233-2020>

constraints hold for [Earth System Models] participating in the new Phase 6 (CMIP6). Since none of the emergent constraints considered here have been derived using the CMIP6 ensemble, CMIP6 can be used for cross-checking of the emergent constraints on a new model ensemble. **The application of the emergent constraints to CMIP6 data shows a decrease in skill and statistical significance of the emergent relationship for nearly all constraints, with this decrease being large in many cases.** Consequently, the size of the constrained ECS ranges (66% confidence intervals) widens by 51% on average in CMIP6 compared to CMIP5.

Yet NCA5 described the use of emergent constraint analysis as a great “advance” that reduced uncertainty.

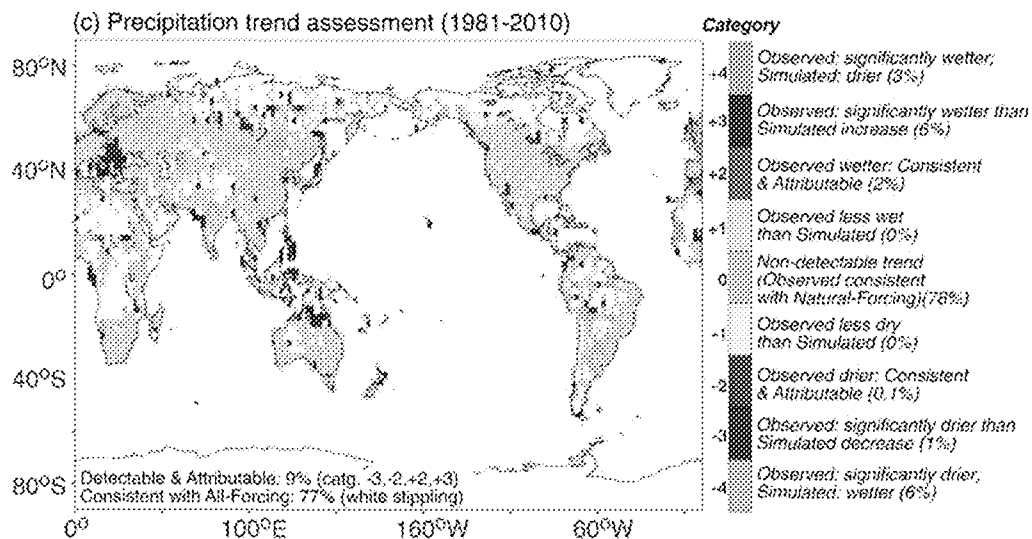
3.4 Overstating Findings in Underlying Sources

Although we did not do a detailed audit of the NCA5’s use of source material, a few spot checks turned up evidence of a pattern of overstatement.

Chapter 2 page 11 reports on an increase in precipitation in central and eastern US based on a comparison of 2002-2021 average rainfall to the average over 1901-1960. Note that this a non-standard metric; we will discuss NCA5’s inconsistent choices of time scales of analysis below. The change in this case is called a “trend” even though this is not how a trend is measured, and says that it is “attributable to climate change”. The claims were attributed to the following paper:

- Knutson, Thomas and Fanrong Zeng (2018) “Model Assessment of Observed Precipitation Trends over Land Regions: Detectable Human Influences and Possible Low Bias in Model Trends” *Journal of Climate* 31(12)
<https://journals.ametsoc.org/view/journals/clim/31/12/jcli-d-17-0672.1.xml>

But Knutson and Zeng did not say these things. It examined linear trends over 1901 – 2010, 1951 – 2010 and 1981 – 2010. It did not compare average rainfall over 2002 - 2021 to average rainfall over 1901 – 1960, indeed it was published in 2018 so it could not have. With regard to 1981-2010 trends its results were summarized in the following figure:



Gray indicates no trends detected. Stippling means that there were no trends in the models either so the models and observations agreed in that respect. Detectable and attributable trends were found over only 9% of the land surface of the Earth. Over the US there are detectable trends over only a few regions in the Southwest.

Chapter 2 page 18 states

There is robust evidence that human-caused warming has contributed to increases in the frequency and severity of the heaviest precipitation events across nearly 70% of the US.

This is attributed to two papers:

- Diffenbaugh, N.S., D. Singh, and J.S. Mankin, 2018: Unprecedented climate events: Historical changes, aspirational targets, and national commitments. *Science Advances*, **4** (2), 3354. <https://doi.org/10.1126/sciadv.aao3354>

and

- Kirchmeier-Young, M.C. and X. Zhang, 2020: Human influence has intensified extreme precipitation in North America. *Proceedings of the National Academy of Sciences of the United States of America*, **117** (24), 13308-13313. <https://doi.org/10.1073/pnas.1921628117>

Diffenbaugh et al. presented ratios of observed occurrences of extreme events to simulated occurrence rates in CMIP6 models run with only natural forcings. They report that for 79% of the U.S. extreme rainfall event frequencies are currently higher than in model simulations, and the ratio of occurrences will rise under future warming simulations. This is not “robust” evidence of anthropogenic influence since it requires readers to assume that climate models provide accurate simulations of regional precipitation patterns, something which even the IPCC AR6 admits is uncertain (AR6 WGI SPM Box SPM 1.2, SPM Section C.1.3).

Kirchmeier-Young and Zhang looked at extreme 1- and 5-day events in North America and, using 3 GCMs, found “A signal of combined anthropogenic and natural external forcing can be detected in the intensification of extreme precipitation at the continental scale over North America. In some cases, this intensification can be attributed to human influence specifically.” However, they noted large differences among the three models in their simulated precipitation changes. Also, 2 of the 3 models failed to yield detection for Rx5Day for the North America mean. Finally, the authors used Total Least Squares, an estimation method known to overstate signal detection results (CWG Section 8.3.2) . Here again this is not “robust” evidence, it is suggestive but other studies have found natural variability predominant. Both cited references utilized the implausible RCP8.5 scenario and began their “historical” observational records only in 1961.

4 RELIANCE ON *Ad Hoc* TIME SCALES FOR TREND ANALYSIS

In CWG25 Chapter 6 we discussed the need to be careful regarding the choice of time scale when making claims about trends in extreme weather. We gave examples from analysis of river flooding (6.1), heatwaves (6.3) and extreme precipitation (6.4) to show how assertions about apparent trends based on short data sets fall apart when looking at longer versions of the same data sets. Here we elaborate on these examples to illustrate a general point that NCA5 made inconsistent and *ad hoc* choices about time scales of analysis, weakening the validity of their conclusions.

4.1 Average and Extreme Precipitation

McKittrick and Christy (2019)⁶ showed that apparently significant positive trends in U.S. average and extreme precipitation over the NCA4 interval (1901 – 2016) disappeared on longer samples (extending back as far as the 1840s depending on location or on a shorter interval coinciding with the final 40 years of the data then available (1978 – 2017).

In CWG Section 6.4 we presented analysis of updated data for the same locations and many more besides, in all cases finding considerable regional heterogeneity and lack of robustness of trends to use of long samples.

NCA5 did not continue the NCA4 precedent of using the post-1901 interval as the time scale for its precipitation discussion, instead it refers to changes “since the 1950s” which we take to mean 1950 onwards though NCA5 Fig. 2.8 suggests 1958 as the start date. For the present report we have extended the analysis even further now to include 141 stations across the US in the Pacific Coast, Midwest, Northeast and Southeast regions. We provide details in the Appendix; here we note merely that once again it is possible to find trends that support the NCA5 position, but they are not robust to selecting longer or shorter time scales of analysis. Data from 1950 to 2024 yields many indications of increased average and extreme precipitation at individual stations and region-wide averages. But when using the entire data set (back to the 1890s or earlier depending on location) or the later subset (1980 to 2024) the trends become smaller, in many cases they become statistically insignificant, and occasionally they change sign. Only in the Northeast region are the post-1950 trends robust to focusing on the post-1980 interval.

Under Key Message 2.2 “Extreme Events Are Becoming More Frequent and Severe” (p. 2-16) NCA5 states (p. 2-18):

“Rainfall is becoming more extreme”

Since the 1950s, there has been an upward trend in heavy precipitation across the contiguous US. This increase is driven largely by more frequent precipitation extremes, with relatively smaller changes in their intensity. The largest increase in the number of extreme precipitation days (defined as the top 1% of heaviest precipitation events) has occurred over the Northeast (an increase of around 60%) and Midwest (around 45%), along with increases of more than 10% in their annual and 5-year maximum amount

⁶ McKittrick, R., and J.R. Christy (2019). Assessing changes in US regional precipitation on multiple time scales. *Journal of Hydrology*, 578, 124074. <https://doi.org/10.1016/j.jhydrol.2019.124074>

(Figure 2.8). These changes have contributed to increases in river and stream flooding in these regions. The increase in frequency and intensity of precipitation extremes is evident across a broad range of event durations (from 1 to 30 days) and return intervals (1 to 20 years), particularly east of the Rocky Mountains.

There is robust evidence that human-caused warming has contributed to increases in the frequency and severity of the heaviest precipitation events across nearly 70% of the US. Paleoclimate records derived from tree-ring growth provide evidence that summer moisture has increased over the past century in parts of New England, the central-eastern US, and the northern Mississippi River valley.

The following is a more accurate summary of what U.S. data show.

There are regionally-heterogenous changes in average and extreme precipitation. Positive trends in annual average rainfall and extreme events (defined either as the annual maximum or the number of exceedances of the 99th percentile value) are generally weak or non-existent when looking at samples exceeding 130 years in length. Significant trends can be found when beginning the sample in the 1950s although in most cases the trends weaken and become insignificant when looking at the post-1980 interval. This makes attribution to anthropogenic warming difficult.

Along the Pacific coast very few stations (1 or 2 out of 29) exhibit significant trends on any time scale in any metric and the region-wide trends are insignificant. In the Southeast region about 5 out of 24 stations exhibit positive trends in average and extreme precipitation metrics and the regional trends are likewise significant, but only on samples beginning in 1950. When the sample starts in 1873 or 1980 the trends weaken and become mostly insignificant. In the Midwest region nearly half the stations exhibit positive and significant trends in average precipitation since 1893 (23/61) and 1950 (28/61) but the trends weaken after 1980: only 6/61 locations are significant and the region-wide trend is insignificant. These positive trends reflect the dryness of the 1930's Dust Bowl era. Regional trends in max and 99th percentile exceedances are insignificant post-1893 and -1980 but the latter are positive and significant post-1950.

In the Northeast region 12 out of 27 stations exhibit positive and significant increases in average precipitation post-1888, post-1950 and post-1980 (10/27) and the regional trend is positive and significant in all three intervals. The regional number of 99th percentile exceedances has a positive trend post-1950 and post-1980 but not post-1888. The significant positive trends post-1980 are concentrated in NH but are insignificant elsewhere.

Consequently, precipitation in the U.S. exhibits considerable regional and temporal variability. Relatively more places became wetter than drier. In the Midwest and Northeast the general pattern since 1950 favors increased precipitation depending on the location, although trends since 1980 have not tended to be statistically significant.

4.2 Heatwaves

- details; NCA4 used entire 20th century while NCA5 looked at post-1960 interval

5 INADEQUATE TRACEABLE ACCOUNTS

- details

6 OVERCONFIDENCE WHEN STATING CONCLUSIONS

- details

7 RELIANCE ON EXTREME SCENARIOS

-details

8 BIASED SELECTION OF REFERENCES

-details

9 SUMMARY: EVALUATING OF THE NCA5

9.1 Pertinent aspects when evaluating in light of statutory requirements

- not our remit to make a ruling but here are aspects to consider in light of statutory requirements

9.2 Evaluation from the perspective of expert users of the report

- we have deep knowledge of the topics surveyed by the NCA5 authors
- we do not have confidence that the report was balanced and comprehensive
- we can point to many specific instances in which the report did not exhibit an appropriate level of quality or integrity as a scientific document
- we have reason to believe the whole process, from author selection to handling of expert reviews, was biased towards reinforcing foregone conclusions and alarmist messaging

9.3 Evaluation from the perspective of citizens interested in good policymaking

- Public concerns about climate change are valid, as are concerns about cost of living, economic growth, employment, etc.
- We share the general concern that elected officials and those who serve them have the best information available when making important decisions around energy and climate policy
- NCA5 was a missed opportunity: it could have been a valuable input to that process but it did not turn out that way
- consequently its usage is unlikely to lead to better decisions and would more likely increase the error rate in policy formation and we recommend it not be used for policymaking purposes.

APPENDIX 1: Seth's letter on statutory requirements for NCA5

APPENDIX 2: Analysis of 141 U.S. Longterm Daily Precipitation Records.

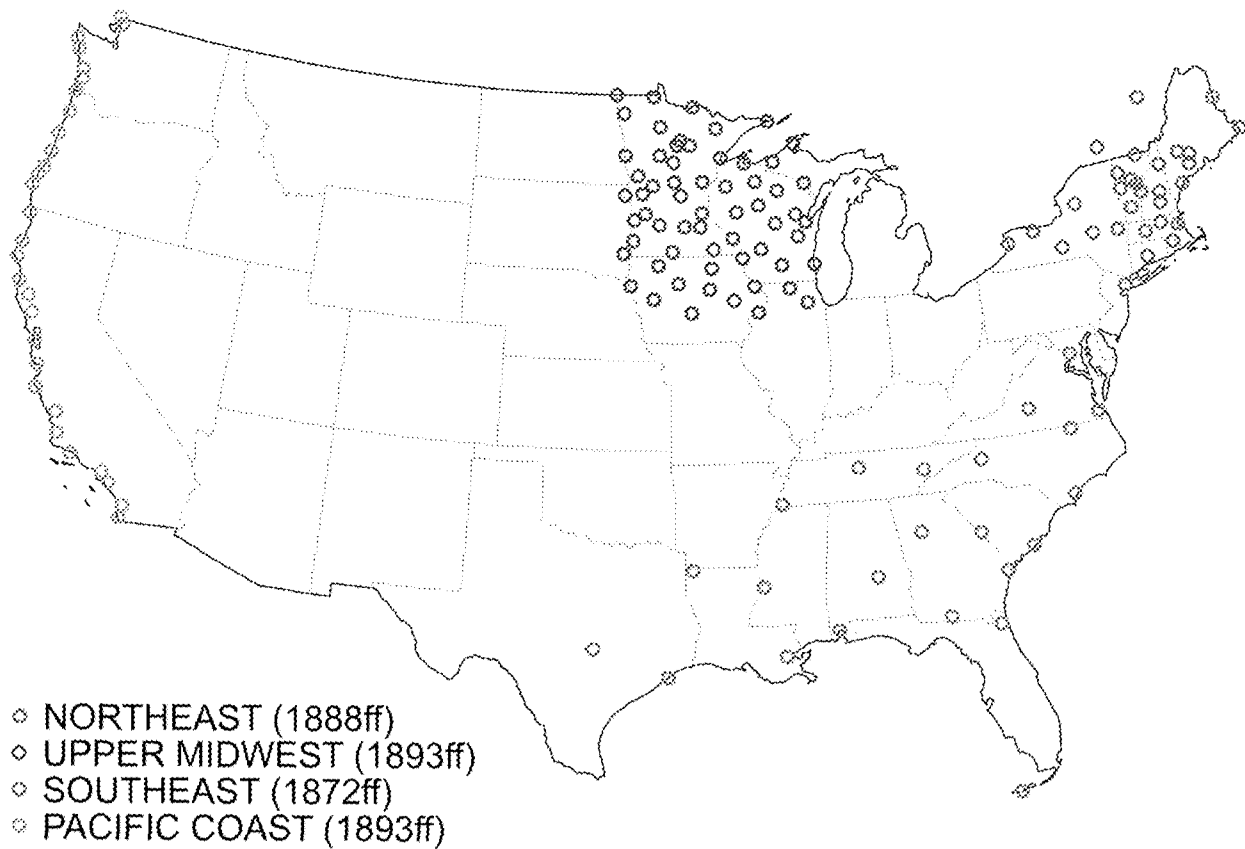


Figure. Stations used in the following analyses.

Table codes: (-) neg insignificant, -- neg significant, (+) pos insignificant, ++ pos significant.

Column 1: Measure

Column 2: Number of stations in that region

Column 3: Count of stations exhibiting a significant positive trend

Column 3: Count of stations exhibiting a significant negative trend

Column 5: Characteristic of region-wide trend

PACIFIC COAST

Since 1893:

	No. stns	+ trends	- trends	region
1-day average	29	0	1	(-)
2-day average	29	0	1	(-)
Avg on non-zero days	29	0	9	--
Variability	29	1	0	(+)
Annual max	29	2	1	(+)

Number of 99 th pct exceedances	29	1	0	(-)
--	----	---	---	-----

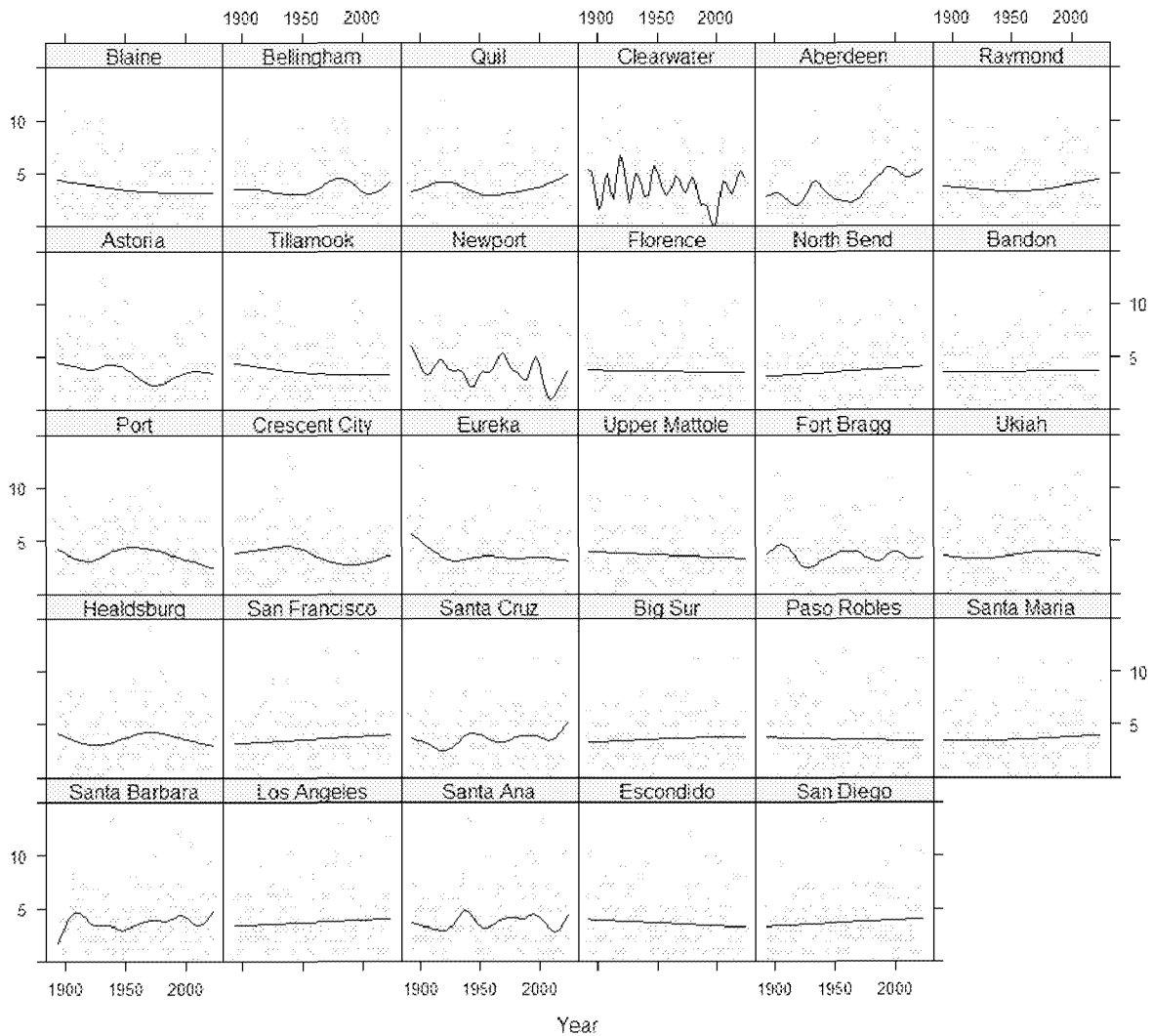
Since 1950:

	No. stns	+ trends	- trends	region
1-day average	29	0	1	(-)
2-day average	29	0	1	(-)
Avg on non-zero days	29	0	4	(-)
Variability	29	2	3	(-)
Annual max	29	6	3	(-)
Number of 99 th pct exceedances	29	2	1	(-)

Since 1980:

	No. stns	+ trends	- trends	region
1-day average	29	0	0	(-)
2-day average	29	0	0	(-)
Avg on non-zero days	29	0	1	(-)
Variability	29	0	0	(-)
Annual max	29	2	1	(-)
Number of 99 th pct exceedances	29	0	0	(+)

Annual No. 99th Percentile Exceedances PC 1893-2024



SOUTHEAST

Since 1873:

	No. stns	+ trends	- trends	region
1-day average	24	1	1	(+)
2-day average	24	1	1	(+)
Avg on non-zero days	24	7	2	(+)
Variability	24	1	0	(+)
Annual max	24	2	0	(+)
Number of 99 th pct exceedances	24	5	0	(+)

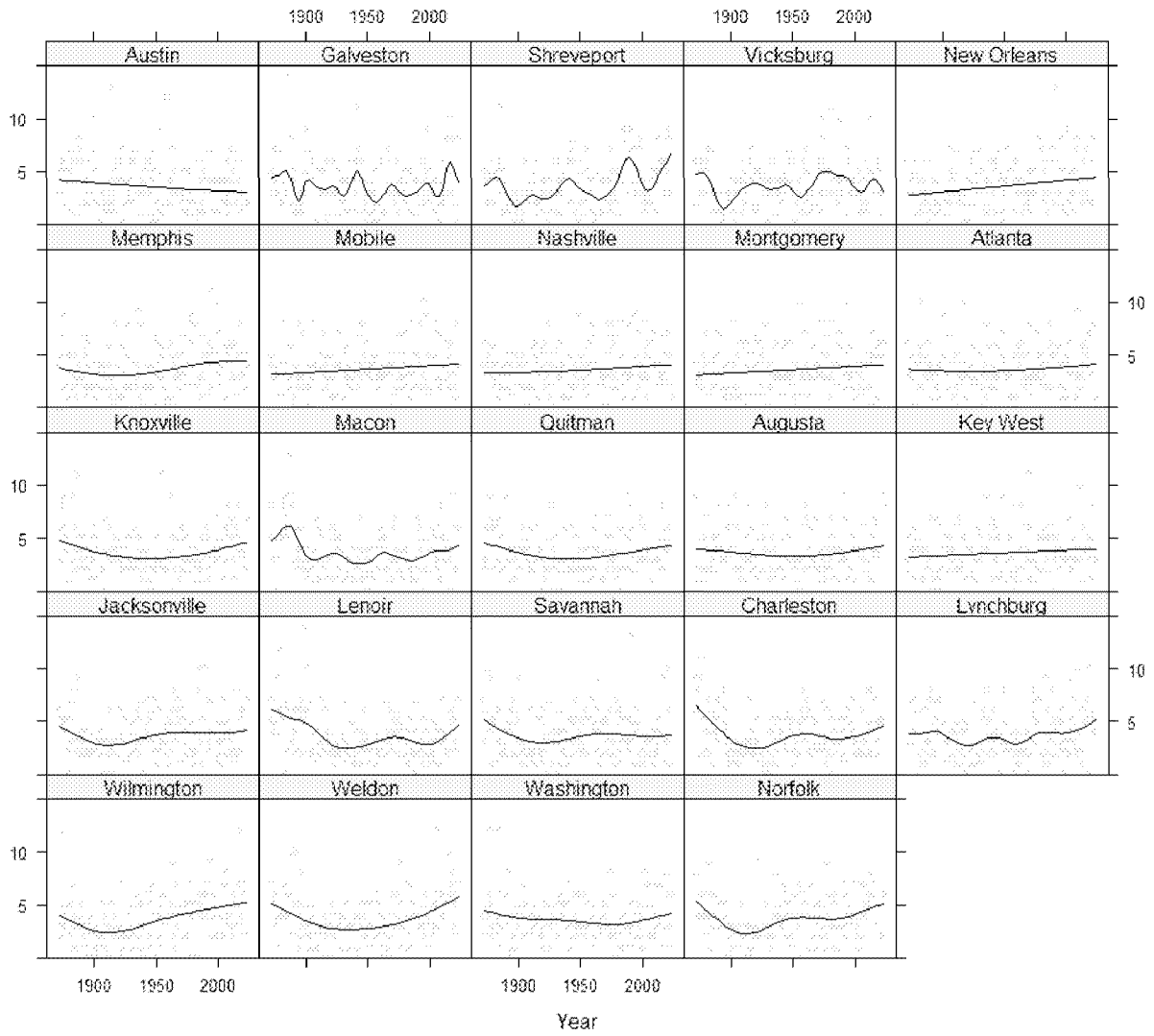
Since 1950:

	No. stns	+ trends	- trends	region
1-day average	24	5	0	++
2-day average	24	5	0	++
Avg on non-zero days	24	5	1	++
Variability	24	6	0	++
Annual max	24	4	0	++
Number of 99 th pct exceedances	24	4	0	(+)

Since 1980:

	No. stns	+ trends	- trends	region
1-day average	24	5	0	(+)
2-day average	24	5	0	(+)
Avg on non-zero days	24	5	1	(+)
Variability	24	3	0	(+)
Annual max	24	4	0	(+)
Number of 99 th pct exceedances	24	4	0	(+)

Annual No. 99th Percentile Exceedances SE 1873-2024



MIDWEST

Since 1893:

	No. stns	+ trends	- trends	region
1-day average	61	23	0	++
2-day average	61	23	0	++
Avg on non-zero days	61	2	12	(+)
Variability	61	12	0	++
Annual max	61	9	0	(+)
Number of 99 th pct exceedances	61	10	0	(+)

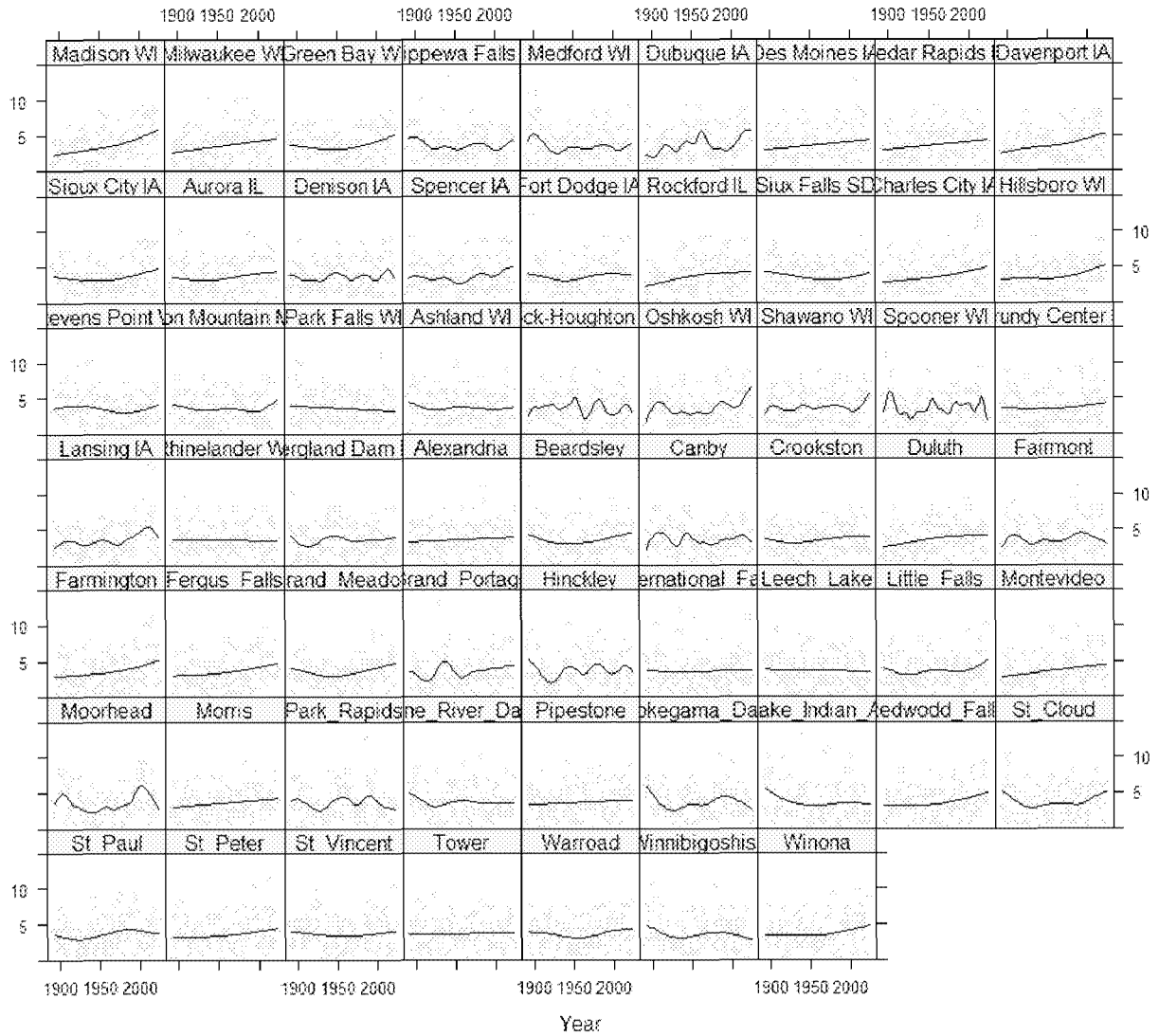
Since 1950:

	No. stns	+ trends	- trends	region
1-day average	61	28	2	++
2-day average	61	28	2	++
Avg on non-zero days	61	11	1	++
Variability	61	16	0	(+)
Annual max	61	8	0	(+)
Number of 99 th pct exceedances	61	19	0	++

Since 1980:

	No. stns	+ trends	- trends	region
1-day average	61	6	1	(+)
2-day average	61	6	1	(+)
Avg on non-zero days	61	8	2	(+)
Variability	61	5	1	(+)
Annual max	61	0	1	(+)
Number of 99 th pct exceedances	61	5	3	(-)

Annual No. 99th Percentile Exceedances MW 1893-2024



NORTHEAST

Since 1888:

	No. stns	+ trends	- trends	region
1-day average	27	12	0	++
2-day average	27	12	0	++
Avg on non-zero days	27	7	1	(+)
Variability	27	4	0	(+)
Annual max	27	3	0	(-)
Number of 99 th pct exceedances	27	5	0	(+)

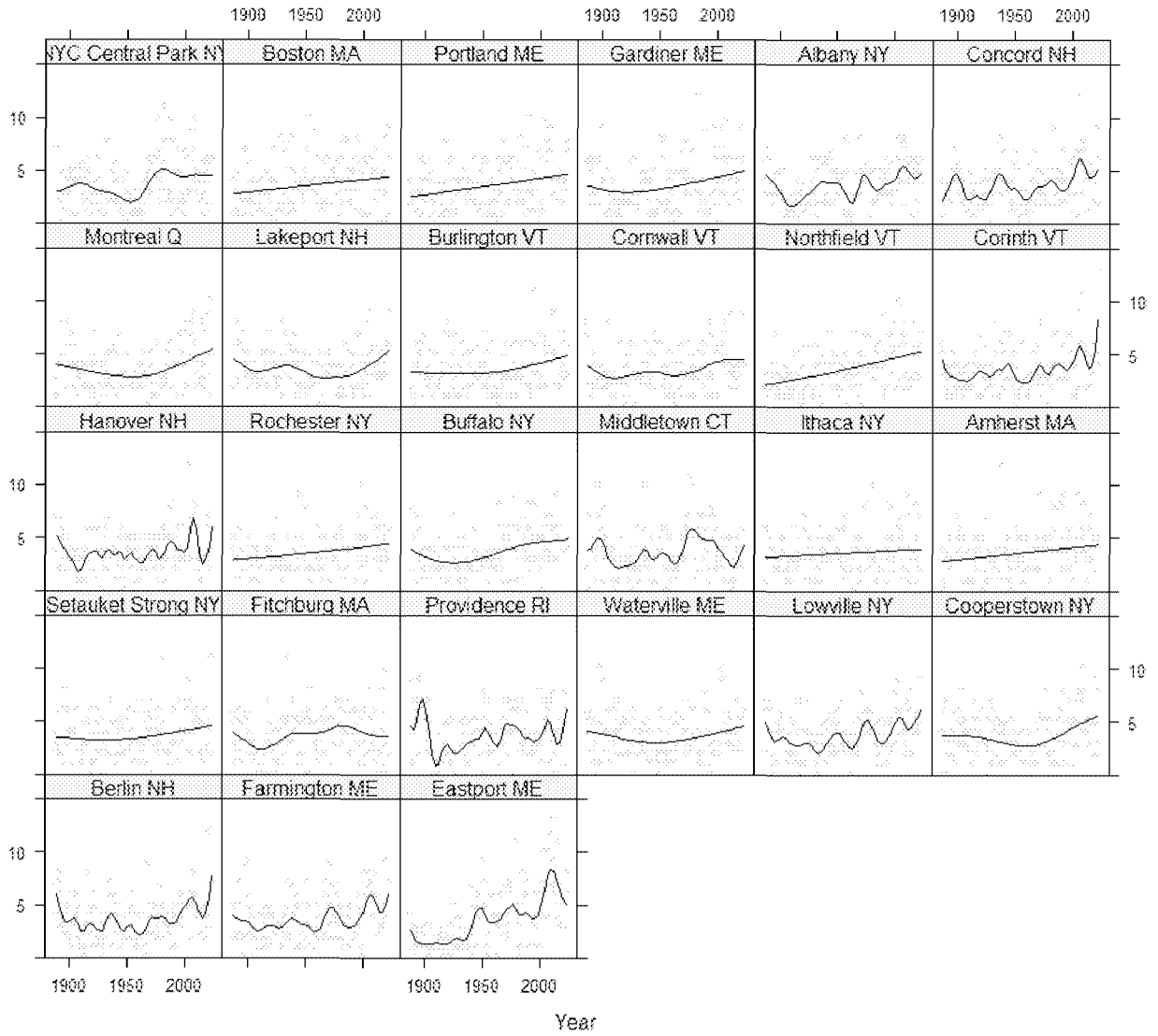
Since 1950:

	No. stns	+ trends	- trends	region
1-day average	27	12	0	++
2-day average	27	12	0	++
Avg on non-zero days	27	7	1	(+)
Variability	27	4	0	(+)
Annual max	27	3	0	(-)
Number of 99 th pct exceedances	27	5	0	++

Since 1980:

	No. stns	+ trends	- trends	region
1-day average	27	10	1	++
2-day average	27	10	1	++
Avg on non-zero days	27	6	0	(+)
Variability	27	2	0	(+)
Annual max	27	1	0	(+)
Number of 99 th pct exceedances	27	1	1	++

Annual No. 99th Percentile Exceedances NE 1888-2024



From: Ross McKittrick <ross.mckitrick@gmail.com>
Sent: Sunday, June 8, 2025 4:36 PM
To: Roy W. Spencer; Judith Curry; John Christy; Travis Fisher; Steven Koonin; Josh Loucks
Subject: Re: Report structure

PS there should also be a chapter on the NASEM review, maybe penultimate

On Sun, Jun 8, 2025 at 4:34 PM Ross McKittrick <ross.mckitrick@gmail.com> wrote:

In the attached I have included a few interior sections I wrote on topics like emergent constraints, ECS, use of ad hoc time scales, etc., and then I decided to try to do some exterior framing using Steve's existing outline. Some of the topics that have been proposed might work either as rooms within wings or as entire wings. For instance the Overconfidence topic might fit in as examples of oversimplifications, in which case maybe the title I have applied to chapter 3 could be changed to Overconfidence when Stating Conclusions.

Also, in thinking about a concluding chapter, while we aren't in a position to make a legal ruling I'd like us to at least write some things down that should be considered by those who are. We can also offer thoughts as expert readers of the report and as citizens interested in good policy.

I didn't incorporate all the material currently in circulation but if we can tweak the attached structure we could soon converge on an overall report structure and then everyone can populate it with the material now available.

From: Ross McKittrick [ross.mckittrick@gmail.com]
Sent: 6/8/2025 8:34:52 PM
To: Roy W. Spencer [roywspencer@hotmail.com]; Judith Curry [curry.judith@gmail.com]; John Christy [climateman60@gmail.com]; Travis Fisher [travis.scott.fisher@gmail.com]; Steven Koonin [steven.koonin@gmail.com]; Josh Loucks [loucksj14@gmail.com]
Subject: Report structure
Attachments: NCAS.Review.[RM].June8.docx

In the attached I have included a few interior sections I wrote on topics like emergent constraints, ECS, use of ad hoc time scales, etc., and then I decided to try to do some exterior framing using Steve's existing outline. Some of the topics that have been proposed might work either as rooms within wings or as entire wings. For instance the Overconfidence topic might fit in as examples of oversimplifications, in which case maybe the title I have applied to chapter 3 could be changed to Overconfidence when Stating Conclusions.

Also, in thinking about a concluding chapter, while we aren't in a position to make a legal ruling I'd like us to at least write some things down that should be considered by those who are. We can also offer thoughts as expert readers of the report and as citizens interested in good policy.

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Review of the Fifth National Climate Assessment

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1 INTRODUCTION

1.1 About this Report

This report responds to a request from OSTP Director Michael Kratsios (reproduced in Appendix XX) that we assess the suitability of the Fifth National Climate Assessment for informing climate and energy policies.

To conduct this assessment we reviewed NCA5 itself, NASEM review of the Third Order Draft and the USGCRP responses to the review. We have drawn upon our long experience working on advisory reports, including for the NASEM, IPCC and other organizations, as writers, reviewers and project leaders.

We find that NCA5 should not be relied on for policy making as it is an incomplete and misleading picture of our understanding of the changing climate and the risks it poses to the nation. NCA5 was selective and incomplete in its survey of the science as of its publication date in 2023 and has become even more so in the years since. We have reviewed many key scientific developments in a separate report to Energy Secretary Wright (Climate Working Group 2025, herein denoted “CWG25”). The overall effect of its biases and omissions is an excessively dire picture of climate risk.

Our report begins with background on the National Climate Assessments. We then discuss the standards by which we have assessed NCA5, followed by specific deficiencies that we have ~~we’ve~~ identified.

1.2 About the National Climate Assessments

The U.S. Global Change Research Program (USGCRP) was established by Presidential Initiative in 1989 and mandated by Congress in the Global Change Research Act (GCRA) of 1990 to develop and coordinate “a comprehensive and integrated United States research program which will assist the Nation and the world to understand, assess, predict, and respond to human-induced and natural processes of global change.”

The National Climate Assessment (NCA) Reports evolved from the GCRA requirement to

Prepare and submit to the President and the Congress an assessment which (1) integrates, evaluates, and interprets the findings of the Program and discusses the scientific uncertainties associated with such findings; (2) analyzes the effects of global change on the natural environment, agriculture, energy production and use, land and water resources, transportation, human health and welfare, human social systems, and biological diversity; and (3) analyzes current trends in global change, both human-induced and natural, and projects major trends for the subsequent 25 to 100 years.

The five NCA Reports to date have interpreted this mandate in different ways:

- NCA1 (2000) was a multidisciplinary effort to study and portray in regional detail the potential effects of human-induced global warming on the United States.
- NCA2 (2009) was a relatively short report that not only focused on the potential consequences of climate change, but also sought to identify potential adaptation measures and identify the highest priorities for future research.

- NCA3 (2014) was an expanded effort that continued along the lines of NCA2, and was distinguished by a comprehensive review process, including a review by the National Academy of Sciences.
- NCA4 (2017/2018) was an expanded effort published in two volumes: I Climate Science Special Report, and II Impacts, Risk, and Adaptation in the United States. This was the first NCA report to devote significant effort to assessing climate science. NCA4 introduced a traceability analysis for each key finding, including a cursory description of uncertainties.
- NCA5 (2023) returned to a single volume format, reducing discussion of climate science to a cursory two chapters, with continuing with a focus on regional and sectoral impacts of climate change. NCA5 expanded its remit to topics that are arguably outside the purview of the USGCRP, focusing on “Climate Action” and policy recommendations with a social justice emphasis. NCA5’s self-description is reproduced as Appendix II.

These successive interpretations of the NCA are poorly aligned with the GCRA’s statutory requirements. Only NCA4 gives serious consideration to climate science, which receives the great majority of USGCRP funding, and even then misrepresents some important points (see the Box nearby for an example). Natural climate variability is essentially dismissed as unimportant in NCA4 and barely mentioned in NCA5 in most contexts, despite the mandate to include both human-caused and natural climate change. Most significantly, NCA5 has redirected the focus away from climate science and even the hazard elements of impacts, towards evaluation of societal vulnerabilities and advocacy for particular policy options, especially wind and solar power. The cover image for the NCA5 Report is the installation of a solar panel.

START BOX

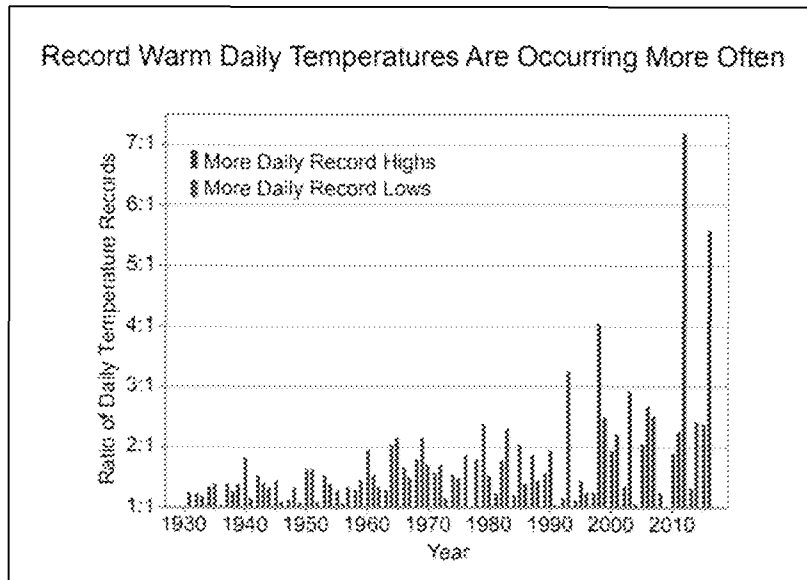
NCA4’s Figure ES.5: A Tale of Deception and Review Failure

A disappointing example of NCA4’s misrepresentation of climate science involves U.S. temperature extremes. Here is a summary of the issue; details can be found in Koonin (2024).

NCA4’s Part I (Climate Science Special Report, CCSR) says (prominently and with *Very High Confidence*) on Page 19 of the Executive Summary:

There have been marked changes in temperature extremes across the contiguous United States. The number of high temperature records set in the past two decades far exceeds the number of low temperature records.

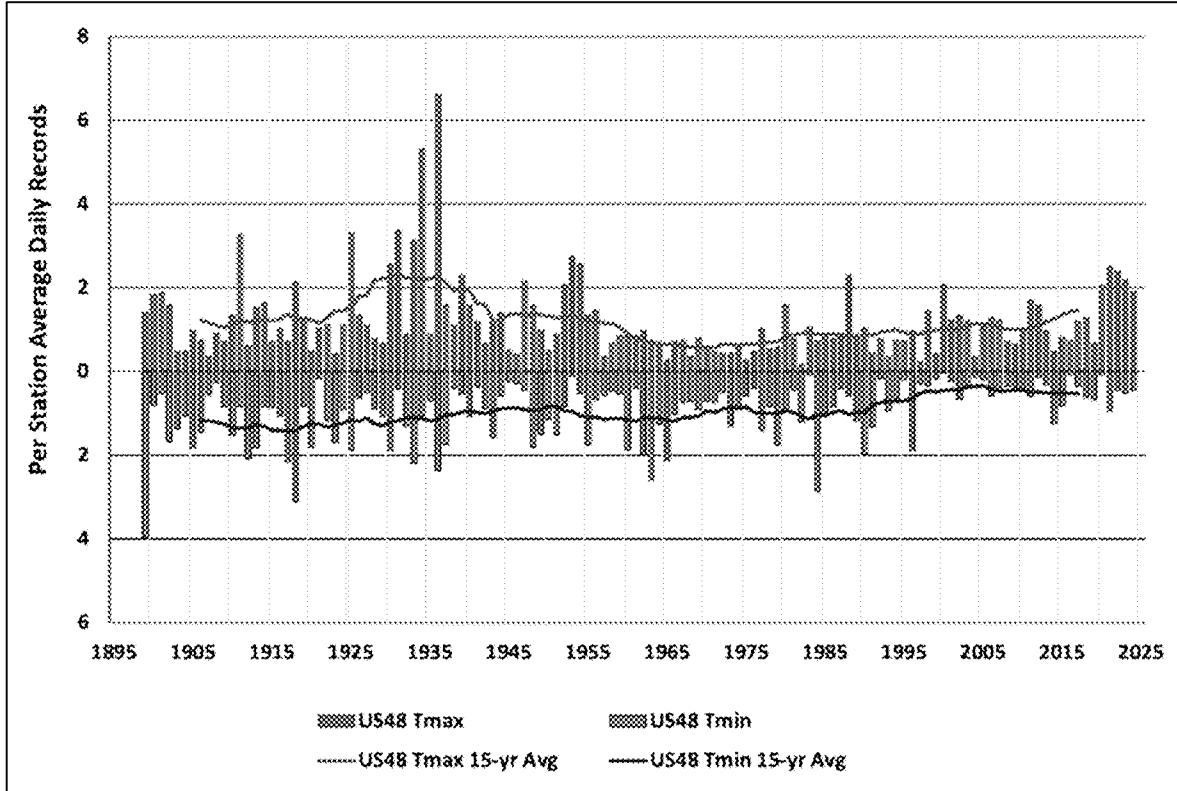
and offers this figure in support:



CSSR Figure ES.5 The ratio of the number of daily record high temperatures to daily record low temperatures for many stations across the 48 contiguous states is shown for each year from 1930 to 2017. The lighter bars show a year in which there were more record highs than lows, while the darker bars show years in which there were more record lows than highs. The height of the bar indicates the ratio of record highs to record lows for each year. For example, a ratio of 2:1 for a dark bar means that the stations had twice as many record daily lows as record daily highs for that year. (CSSR, 2017)

Three idiosyncratic choices combine to generate the figure's seemingly alarming rise in recent decades. First, because the record extremes tallied are defined conventionally (i.e., each more extreme than any preceding value in the history), the numbers of record highs and record lows are both expected to decline through the years (it becomes increasingly unlikely that a record will be exceeded). Second, the graph displays not the numbers of record highs and lows, but rather their ratio. And finally, the history begins only in 1930 when, in fact, data exist beginning in the late 19th Century. The upshot of these choices is that the resultant figure is guaranteed to show a long period of quiescence around followed by dramatic variations, creating the impression of large changes in recent decades, even if they aren't present.

Figure 6.3.3 of our report (reproduced below) shows the results of a proper analysis – defining each record as the singular extreme in the history, displaying numbers of warm and cold records separately, and beginning the analysis in 1899 rather than 1930. It makes evident the exceptional heat of the 1920s and especially the 1930s, peaking in 1936. The increased heat of the past five years is too brief to be deemed climatically significant and, in any event, occurred after the CSSR was published in 2017. On the cold side, the Valentine's Day Arctic outbreak in Feb 1899 stands as the most extensive cold extreme experienced by CONUS, with 1917 in 2nd place. The frequency of cold records has declined, especially over the last quarter of the period in which only 13 percent of the extreme cold events were measured. In contrast, 25 percent of the extreme Tmax records were achieved in the last quarter, in accordance with statistical expectations. As a result, the ratio shown in the CSSR explodes in recent decades. And the overall reduction in numbers of both cold and hot extremes over the past century indicates a climate *less* prone to extremes, in sharp contrast to the title of the CSSR figure, "Record Warm Daily Temperatures Are Occurring More Often".



Number of daily record High (red) and Low (blue) temperatures for warm and cold seasons in the CONUS. The lines represent the 15-year running, centered average. Source: 1,211 USHCN stations supplemented as needed to achieve a minimum of 92 percent of observations in the 126-year period since Dec 1898. US48: contiguous U.S. states. Tmax: maximum temperature. Tmin: minimum temperature.

The National Academies' expert review panel criticized the discussion of temperature extremes in a late draft of the CSSR. In reference to the CSSR's Key Finding 2 of Chapter 6, they said:

Further, it is difficult to understand how a statement that includes increases in extreme warmth can be associated with a high confidence or extremely likely statement, given that most of the graphics in this chapter show a decrease in extreme warmth in the historical record.

The Federal official in charge of the CSSR (Michael Kuperberg, Executive Director of the USGCRP) responded to the Academies' review by noting that

Almost every recommendation from the NAS was incorporated [in the final version]... and a new figure was added on changes in record high and low temperatures

The "new figure" referred to is the Figure ES.5, which did not appear in the draft reviewed by the Academies' panel. It seems unlikely that the Academies panel ever saw that figure because they surely would have commented if they had and it wouldn't have survived to publication. And the

figure's problems were evidently not flagged (or were ignored) in the subsequent internal government reviews.

While the following statement has far less headline potential than that from the CSSR's page 19 quoted at the beginning of this box, it has advantage of being correct:

There have been some changes in temperature extremes across the contiguous United States. The annual number of high temperature records set shows no significant trend over the past century nor over the past 40 years, but the annual number of record cold nights has declined by a factor of 4 since 1895, somewhat more rapidly in the past 30 years.

END BOX

1.3 Standards for Assessing NCA Products

Good climate and energy policies will balance the risks and benefits of a changing climate against the world's growing demand for reliable and affordable energy. To strike that balance, policymakers must understand at least two complex and nuanced topics –the certainties and uncertainties of climate science and the technoeconomic realities of energy systems. Experts in those subjects are the only people who can bring the facts to the discussion and so have a unique responsibility to communicate their understanding to non-experts clearly, completely, and without bias.

Expertise in energy systems resides largely in the private sector, where it is essential to providing the reliable and affordable energy services that are the lifeblood of society. Understanding is therefore continually refined and tested by the discipline of the marketplace. In contrast, climate science expertise is found largely in the non-profit realm of universities and government laboratories and so has a more academic character.

Because climate is at the core of human existence, it can engender passion and emotion. Indeed, some younger climate scientists have gone into the field to “save the planet.” So it isn't surprising that objectivity can suffer when climate scientists communicate their understanding to non-experts. Further, the field of climate science has been politicized by NetZero mandates. ~~When that happens,~~ This lack of objectivity usurps the public's right to make informed choices and undermines their confidence in the scientific enterprise.

Philip Handler, President of the National Academy of Sciences, identified the problem in a 1980 editorial that resonates eerily four decades later:

Difficulty arises in the scientific community from confusion of the role of scientist *qua* scientist with that of scientist as citizen, confusion of the ethical code of the scientist with the obligation of the citizen, blurring the distinction between intrinsically scientific and intrinsically political questions. When scientists fail to recognize these boundaries, their own ideological beliefs, usually unspoken, easily becloud seemingly scientific debate.

In Appendix XX we include a letter of guidance from the Office of General Counsel, U.S. Department of Energy, summarizing the extent of statutory requirements governing USGCRP work products in general and NCA products in particular.

We can summarize the standards applicable to the NCA as follows:

- details.

Beyond the statutory requirements we draw attention to two other pertinent standards. President Trump's executive order of May 23, 2025, "Restoring Gold Standard Science" enumerates some of the characteristics of good science:

- i. reproducible;
- ii. transparent;
- iii. communicative of error and uncertainty;
- iv. collaborative and interdisciplinary;
- v. skeptical of its findings and assumptions;
- vi. structured for falsifiability of hypotheses;
- vii. subject to unbiased peer review;
- viii. accepting of negative results as positive outcomes; and
- ix. without conflicts of interest.

Although these should be self-evident to those trained in science, it is surprising that some have found them controversial.

Finally we consider that when scientific reports are being assembled that will be highly influential on climate policymaking there are other desiderata, including statements about the strength of climate knowledge. The IPCC's approach is based on judgment of the available evidence and agreement among experts. More sophisticated knowledge characterizations for risk management include: REFERENCE AVEN

- The degree to which the assumptions made are reasonable/realistic based on background knowledge—concern about the focus on implausible emissions scenarios RCP8.5/SSP5–8.5
- The degree to which data/information exists and are reliable and relevant—the historical and paleo database is inadequate for a complete characterization of natural climate variability on multi-decadal to millennial time scales
- The degree to which there is disagreement among experts (including those from different environments or academic fields)—attempts to suppress disagreement and alternative perspectives among experts
- The degree to which the phenomena involved are understood and accurate models exist—concerns about the fidelity and utility of climate models
- The degree to which the knowledge has been thoroughly examined with respect to unknown knowns and—neglect of the unknown knowns associated with natural climate variability

With this background we now present our critique of NCA5.

2 OVERVIEW CHAPTER: HYPERBOLIC ADVOCACY LANGUAGE AND NON-SCIENTIFIC TONE

The opening Chapter 1 “Overview” holds a prominent place since it serves as a summary of the whole report and is all that many will read. While there is much sound scholarly content in the later sections of NCA5, Chapter 1 is marred by pervasive use of advocacy language and a tone overly focused on promoting aggressive emission reduction policies. The authors must have known this chapter would be mined for quotes by the media and activists looking to add an imprimatur of scientific authority to oversimplified declarations of opinion. Many examples can be cited; here we provide a few particularly egregious ones.

The chapter opens as follows:

The more the planet warms, the greater the impacts. Without rapid and deep reductions in global greenhouse gas emissions from human activities, the risks of accelerating sea level rise, intensifying extreme weather, and other harmful climate impacts will continue to grow. Each additional increment of warming is expected to lead to more damage and greater economic losses compared to previous increments of warming, while the risk of catastrophic or unforeseen consequences also increases.

This statement presupposes all warming is anthropogenic in origin, all warming is bad and causes economic damage, warming causes extreme weather to intensify. Such sweeping generalizations go well beyond what science has or can establish. A scientifically-sound version of this paragraph would instead say something like the following:

The Earth is undergoing a warming trend caused by a combination of natural and anthropogenic influences. This warming can be expected to generate a mix of benefits and harms that varies by region, to which society should be prepared to adapt. There is evidence that some types of extreme weather have worsened, while others have not changed or have even declined in intensity. Reducing emissions of greenhouse gases can slow the warming process although such policies have proven to be very expensive, so the costs need to be weighed against the potential benefits.

On the next page the Overview goes on to say:

Each additional increment of warming leads to greater risks [here it lists 7 key components of society including food security and the economy]... Without deeper cuts in global net emissions, climate risks to the US will continue to grow... Action to limit future warming and reduce risks can have near-term benefits and opportunities: low-carbon energy jobs, Improved air quality, Health benefits, Economic benefits...”

The authors write as if climate policy does not involve trade-offs and all measures to reduce future warming will be effective and beneficial. But the vast body of scholarship on climate science and economics does not support such simplistic claims. Not every additional increment of warming leads to economic harms, indeed (as is acknowledged in Chapter 19 on Economics) in some cases it

is expected to yield benefits. Nor is climate policy guaranteed to create jobs or benefit the economy; in many cases it has done the opposite. It is a disservice to policymakers not to be honest about this.

Page 9 promotes renewable energy options by arguing that the “levelized” costs of wind and solar power generation have fallen sharply since 2010. But “levelized” refers to the lifetime project cost averaged over all power production and ignores the intermittency problem: namely solar and wind are not always available. It results in an invalid comparison since even if, for instance, the levelized cost of solar energy per megawatt-hour falls below that of coal, coal power is available continuously and on demand whereas solar is not. The proper comparison would adjust for the difference in availability by considering the cost of supplementing solar and wind with backup natural gas-fired systems or battery storage, and on that basis renewable energy remains prohibitively expensive. Here again it is a disservice to readers not to acknowledge these facts.

Page 14 presents future emission scenarios with the following description: “Climate modeling experts develop global climate projections for a range of plausible futures.” The word “plausible” is applied to all the scenarios. The accompanying Figure includes both SSP3-7.0 and SSP5-8.5, the latter reaching the same radiative forcing as RCP8.5. The figure does not contrast observed emissions against model projections nor does it caution readers that SSP3-7.0 and SSP5-8.5 are extreme worst case scenarios that, like RCP8.5, have been heavily criticized in the scientific literature (CWG25 3.2.1). By describing the entire envelope of emission projections as “plausible” the report opens the door to later presenting impacts associated with extreme and implausible emission scenarios as part of a baseline “business-as-usual” future.

Page 17 (and elsewhere) invokes the NOAA Billion Dollar Dataset as an indicator of weather getting worse. Scientists have shown that this is an invalid metric (CWG 10.2) since it measures the growth of the economy not the frequency of extreme weather, and indeed NOAA has withdrawn the data product. Even though it was still distributed by NOAA at the time of the NCA5, the report authors should have assessed it skeptically and seen that it was unfit for the purpose of measuring climate trends.

Page 23 states, in large font:

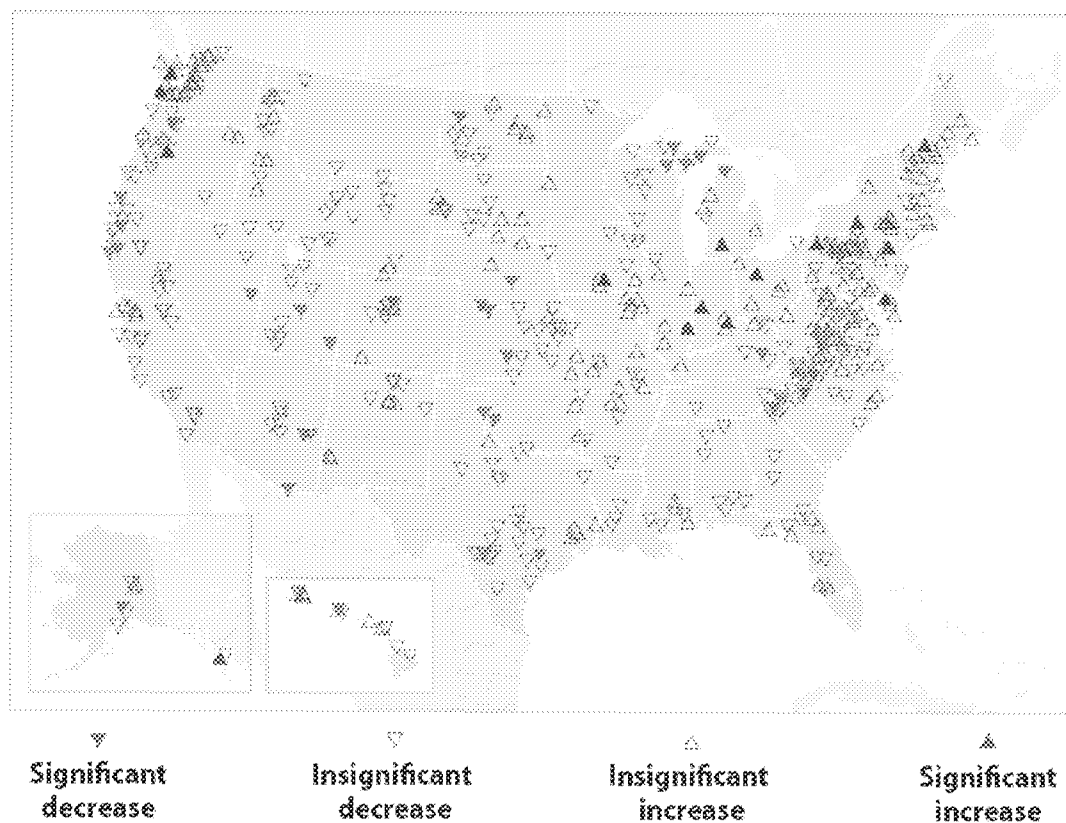
Climate changes are making it harder to maintain safe homes and healthy families; reliable public services; a sustainable economy; thriving ecosystems, cultures, and traditions; and strong communities.

It is pointless to try to evaluate this statement on scholarly grounds; it is self-evidently hyperbolic. This kind of language doesn’t belong in a scientific assessment report. Its prominent inclusion points not only to the willingness of NCA5 authors to promote hysteria, but also the ineffectiveness of the review process at not ensuring such statements are removed.

We won’t try to cite all the remaining examples of advocacy and hyperbole in the Overview chapter; one more example will suffice. Page 26 states “Increasing flooding puts more people and assets at risk.” The accompanying figure contrasts model-projected flood losses by county in 2050 to that observed in 2020 as estimated in Wing *et al.* (2022)¹. Hence the evidence for the claim is not currently-observed trends, it is a model-generated projection of changes. But current trends in U.S.-based flooding reveal a more complex picture with a general overall trend towards less flooding.

¹ Wing, Oliver, William Lehman, Paul Bates *et al.* (2022) Inequitable patterns of US flood risk in the Anthropocene. *Nature Climate Change* 12 156—162 <https://www.nature.com/articles/s41558-021-01265-6>

The Environmental Protection Agency's "Climate Change Indicators: River Flooding" webpage² shows maps both of flood magnitude and frequency. Both show more regions experiencing declines over 1965-2015 than increases. Hence current trends indicate generally declining U.S. flood risks, but the NCA5 Overview not only fails to mention this but declares the opposite based on a single study presenting model-generated forecasts of flood activity decades in the future.



U.S. Flood magnitude trends 1965-2015.

Source: <https://www.epa.gov/climate-indicators/climate-change-indicators-river-flooding>

² <https://www.epa.gov/climate-indicators/climate-change-indicators-river-flooding>

3 ONE-SIDED OVERSIMPLIFICATIONS IN SCIENCE SUMMARY CHAPTERS

Chapters 2 (Climate Trends) and 3 (Earth Systems Processes) form the scientific core of NCA5. As we will show in the following examples they fail to meet statutory requirements to discuss scientific uncertainties and the role of natural variability, and they fail to meet the more stringent implicit standards expected of a policymaking report.

3.1 Increased Lower Bound of Climate Sensitivity

The promotional tone of Chapter 1 is carried forward into Chapter 3 (Earth System Processes) where, on page 3-10, Key Message 3.2 states “The Estimated Range of Climate Sensitivity Has Narrowed by 50%”. Referring to Equilibrium Climate Sensitivity (ECS) the section elaborates:

Recent improvements in the understanding of how climate feedbacks vary across timescales have narrowed the estimated *likely* range of warming expected from a doubling of atmospheric carbon dioxide by 50% to between 4.5°F and 7.2°F (*high confidence*).... This uncertainty reduction results from advances in combining observations and targeted modeling results from nearly independent lines of evidence, each of which generally agrees on the values of ECS. The lines of evidence include 1) observed present-day variations on monthly to interannual timescales from which cloud and other climate feedbacks are inferred; 2) observed temperature changes between the preindustrial period and present and associated relationships to ERF; and 3) estimated temperature and radiative forcing changes for multiple warm and cold periods in paleoclimate records.

The graphic summary on page 3-11 states

The reduced uncertainty in climate sensitivity and climate feedback has been achieved through unprecedented quantitative synthesis of evidence from observed changes over recent decades, the industrial era, and paleoclimate.

This is a very inadequate description of the situation. The key development in AR6 was a *reduction* of confidence in the ability of climate models to identify ECS and the shift away from the model-based method the IPCC had relied on since AR1 in 1990. The IPCC instead turned to data-driven ECS estimation and specifically chose a single paper from the scientific literature, Sherwood *et al.* (2020³) for the purpose. It combined paleoclimate data, modern instrumental data and modern observations of climate processes, mainly cloud-related, that govern key feedbacks. Sherwood *et al.* used a subjective Bayesian method to determine the likely range of ECS values. The Bayesian approach begins with the researcher specifying a “prior”, namely an expectation of what the answer will be before seeing the data. In this case the prior consists of an expected ECS range based on the researchers’ subjective beliefs. Then the data are allowed to influence the ECS distribution and the final result is a weighted average of the assumed prior and the data-driven result. Sherwood *et al.* found a best (or median) ECS estimate of 5°F (3°C), which was close to previous model-based

³ Sherwood, S. C., Bony, S., Boucher, O., Bretherton, C. S., Forster, P. M., Gregory, J. M., & Stevens, B. (2020). An assessment of Earth’s climate sensitivity using multiple lines of evidence. *Reviews of Geophysics*, 58(4). <https://doi.org/10.1029/2019rg000678>

estimates but raised the likely lower bound by 1.7°F from 2.5°F to 4.2°F. The IPCC accepted this result and increased the best estimate to 3.1°C.

The NCA5 was published in November 2023. Well before that, in September 2022, Lewis (2023) had been published online at *Climate Dynamics* presenting a forceful critique of Sherwood *et al.*⁴ One of Lewis' points was that Sherwood *et al.*'s result was dependent on their chosen subjective prior. Lewis recommended using an objective Bayesian method, which places primary weight on the data rather than the researcher's expectation. Using that and updated forcing data from AR6, Lewis estimated an ECS best estimate of 3.7°F (2.2°C) with a likely lower bound of 2.7°F (1.6°C).

Hence, in contrast to the promotional language of Chapter 3 a more valid summary of the ECS literature as it stood at the time of writing the NCA5 would be what we wrote in CWG25 (emphasis added):

For the AR6, the IPCC placed primary weight on the results of Sherwood *et al.* (2020) that combined historical and paleoclimate proxies with the process-based approach and yielded a best estimate of 3.1°C with a *likely* range of 2.6-3.9°C. Lewis (2022) raised a number of concerns about this result, including methodological errors, outdated input values, and use of subjective versus objective Bayesian priors in the analysis. Lewis' analysis found that climate sensitivity is estimated to be much lower and better constrained than in the Sherwood *et al.* analysis – median 2.2°C (1.8–2.7°C in the 17–83 percent *likely* range, and 1.6–3.2°C in the 5–95 percent *very likely* range). **The IPCC AR6 estimated only a 5 percent probability that ECS was below 2.3°C, whereas Lewis estimated it to be over 50 percent.** The most recent publications on the debate between Sherwood *et al.* and Lewis further defend their respective positions: Sherwood and Foster (2024) and Lewis (2025).

3.2 Presenting New Emission Scenarios as a Scientific “Advance”

Chapter 3 pp. 13-14 treats the release of new emission scenarios as a scientific “advance” without addressing the failure of many previous scenarios to match reality or providing an honest assessment of the likelihood that the new ones are biased in the same way.

Key Message 3.3 states “New Data and Analysis Methods Have Advanced Climate Science” and includes the following:

New scenarios of socioeconomic development, and their associated emissions and land-use changes, drive updated climate projections from Earth system models. The Scenario Model Intercomparison Project (ScenarioMIP) organized the main set of 21st-century projection experiments under the latest phase of the Coupled Model Intercomparison Project, CMIP6. These CMIP6 projections used newly developed scenarios based on Shared Socioeconomic Pathways (SSPs; Figure 3.4). Five SSPs represent alternative plausible trajectories of 21st-century GDP and population growth and the pace and pervasiveness of socioeconomic and technological progress within individual nations and across the world (see Table 3 in the Guide to the Report). SSP-specific drivers are used in integrated assessment models (IAMs)

⁴ Lewis, N. (2023). Objectively combining climate sensitivity evidence. *Climate Dynamics*, 61(9–10), 3155–3163. <https://doi.org/10.1007/s00382-022-06398-8>. The final citation for this paper is Lewis (2023) because the print edition did not appear until 2023, but the article was accepted in August 2022 and the online edition appeared and was in circulation in September 2022.

to simulate the corresponding evolution of the energy system and the resulting greenhouse gas trajectories. These are in turn used by ESMs to drive their 21st-century projections.

There is nothing wrong with NCA5 discussing the development of new emission scenarios which serve as inputs to climate change projections and impact studies. But it is a serious omission not to inform the reader of the failure of many previous IPCC scenarios to match reality and the tendency of the scenario groups to exaggerate near-term and long-term CO₂ concentration growth (CWG25 3.2.1). It is also a serious omission not to caution readers that many climate impact studies use RCP8.5 which by the time of NCA5 had already been heavily criticized in the literature.

The same section also reports the availability of new and larger model ensembles as a scientific advance, without addressing ways in which models are getting worse in some key respects (CWG Ch 5).

3.3 Uncritical Promotion of “Emergent Constraints”

Chapter 3 page 17 presents the topic of “emergent constraints” in uncritical terms:

An approach to reduce uncertainty in climate change projections has matured over the past decade. It is known as “emergent constraints.” The term refers to strong statistical relationships between highly uncertain future climate parameters and observable trends or variations in the current climate, along with a physical explanation of this relationship.

Emergent constraints appeared in the climate modeling literature as a way to tie GCM behavior to climate observations in hopes of generating insight into real-world ECS. Climate models exhibit a wide range of sensitivities. The idea of emergent constraints is to examine whether the models with shared sensitivity values also share a common representation of some climate process (usually related to clouds) that might indirectly influence ECS. Suppose, for instance, that in low-ECS models the total cloud fraction in the tropics is strongly correlated with that in the southern midlatitudes but in high-ECS models the correlation is weak. Then researchers could check if the observed correlation is strong or weak and draw a conclusion about which type of model, and therefore which ECS value, is more likely.

A problem in the emergent constraint literature is that there has been a large proliferation of proposed correlations with little physical motivation. Many emergent constraints patterned on CMIP5 models failed to work on CMIP6 models (Schlund *et al.* 2020)⁵. In other words, the observed correlations in CMIP5 models between ECS and cloud processes failed to show up in CMIP6 models, indicating that they were likely spurious rather than clues to physical processes governing the Earth climate system. The result was that emergent constraints estimated on CMIP5 models widened the range of estimated ECS values when applied to CMIP6 models.

Schlund *et al.* summarized the problem as follows:

In this study, we systematically analyze 11 published emergent constraints on ECS that have mostly been derived from models participating in the Coupled Model Intercomparison Project Phase 5 (CMIP5) project... The focus of the study is on testing if these emergent

⁵ Schlund, Manuel, Axel Lauer, Pierre Gentine, Steven C. Sherwood, and Veronika Eyring (2020) Emergent constraints on equilibrium climate sensitivity in CMIP5: do they hold for CMIP6? *Earth System Dynamics* 11 1233-1258 <https://doi.org/10.5194/esd-11-1233-2020>

constraints hold for [Earth System Models] participating in the new Phase 6 (CMIP6). Since none of the emergent constraints considered here have been derived using the CMIP6 ensemble, CMIP6 can be used for cross-checking of the emergent constraints on a new model ensemble. **The application of the emergent constraints to CMIP6 data shows a decrease in skill and statistical significance of the emergent relationship for nearly all constraints, with this decrease being large in many cases.** Consequently, the size of the constrained ECS ranges (66% confidence intervals) widens by 51% on average in CMIP6 compared to CMIP5.

Yet NCA5 described the use of emergent constraint analysis as a great “advance” that reduced uncertainty.

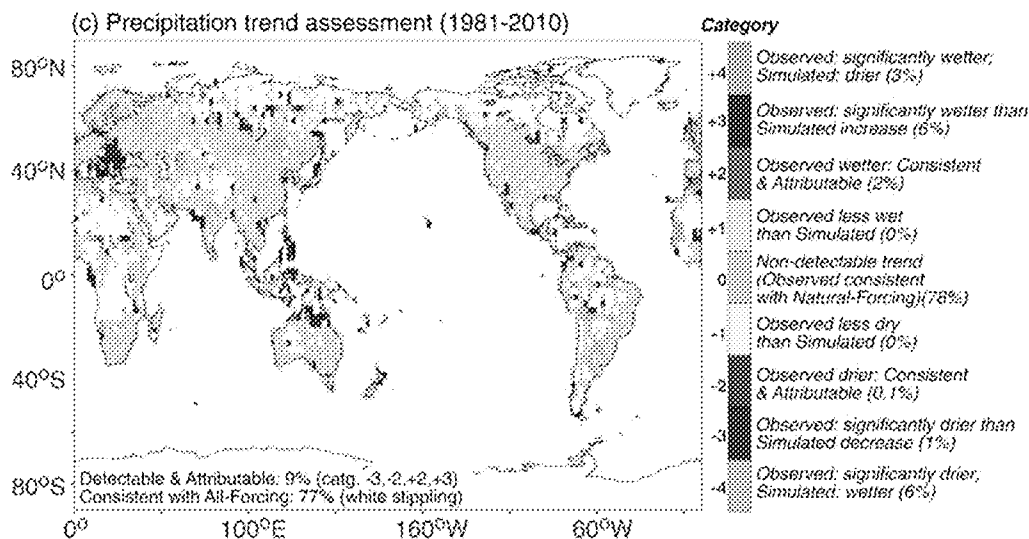
3.4 Overstating Findings in Underlying Sources

Although we did not do a detailed audit of the NCA5’s use of source material, a few spot checks turned up evidence of a pattern of overstatement.

Chapter 2 page 11 reports on an increase in precipitation in central and eastern US based on a comparison of 2002-2021 average rainfall to the average over 1901-1960. Note that this a non-standard metric; we will discuss NCA5’s inconsistent choices of time scales of analysis below. The change in this case is called a “trend” even though this is not how a trend is measured, and says that it is “attributable to climate change”. The claims were attributed to the following paper:

- Knutson, Thomas and Fanrong Zeng (2018) “Model Assessment of Observed Precipitation Trends over Land Regions: Detectable Human Influences and Possible Low Bias in Model Trends” *Journal of Climate* 31(12)
<https://journals.ametsoc.org/view/journals/clim/31/12/jcli-d-17-0672.1.xml>

But Knutson and Zeng did not say these things. It examined linear trends over 1901 – 2010, 1951 – 2010 and 1981 – 2010. It did not compare average rainfall over 2002 - 2021 to average rainfall over 1901 – 1960, indeed it was published in 2018 so it could not have. With regard to 1981-2010 trends its results were summarized in the following figure:



Gray indicates no trends detected. Stippling means that there were no trends in the models either so the models and observations agreed in that respect. Detectable and attributable trends were found over only 9% of the land surface of the Earth. Over the US there are detectable trends over only a few regions in the Southwest.

Chapter 2 page 18 states

There is robust evidence that human-caused warming has contributed to increases in the frequency and severity of the heaviest precipitation events across nearly 70% of the US.

This is attributed to two papers:

- Diffenbaugh, N.S., D. Singh, and J.S. Mankin, 2018: Unprecedented climate events: Historical changes, aspirational targets, and national commitments. *Science Advances*, **4** (2), 3354. <https://doi.org/10.1126/sciadv.aao3354>

and

- Kirchmeier-Young, M.C. and X. Zhang, 2020: Human influence has intensified extreme precipitation in North America. *Proceedings of the National Academy of Sciences of the United States of America*, **117** (24), 13308-13313. <https://doi.org/10.1073/pnas.1921628117>

Diffenbaugh et al. presented ratios of observed occurrences of extreme events to simulated occurrence rates in CMIP6 models run with only natural forcings. They report that for 79% of the U.S. extreme rainfall event frequencies are currently higher than in model simulations, and the ratio of occurrences will rise under future warming simulations. This is not “robust” evidence of anthropogenic influence since it requires readers to assume that climate models provide accurate simulations of regional precipitation patterns, something which even the IPCC AR6 admits is uncertain (AR6 WGI SPM Box SPM 1.2, SPM Section C.1.3).

Kirchmeier-Young and Zhang looked at extreme 1- and 5-day events in North America and, using 3 GCMs, found “A signal of combined anthropogenic and natural external forcing can be detected in the intensification of extreme precipitation at the continental scale over North America. In some cases, this intensification can be attributed to human influence specifically.” However, they noted large differences among the three models in their simulated precipitation changes. Also, 2 of the 3 models failed to yield detection for Rx5Day for the North America mean. Finally, the authors used Total Least Squares, an estimation method known to overstate signal detection results (CWG Section 8.3.2) . Here again this is not “robust” evidence, it is suggestive but other studies have found natural variability predominant.

4 RELIANCE ON *Ad Hoc* TIME SCALES FOR TREND ANALYSIS

In CWG25 Chapter 6 we discussed the need to be careful regarding the choice of time scale when making claims about trends in extreme weather. We gave examples from analysis of river flooding (6.1), heatwaves (6.3) and extreme precipitation (6.4) to show how assertions about apparent trends based on short data sets fall apart when looking at longer versions of the same data sets. Here we elaborate on these examples to illustrate a general point that NCA5 made inconsistent and *ad hoc* choices about time scales of analysis, weakening the validity of their conclusions.

4.1 Average and Extreme Precipitation

McKittrick and Christy (2019)⁶ showed that apparently significant positive trends in U.S. average and extreme precipitation over the NCA4 interval (1901 – 2016) disappeared on longer samples (extending back as far as the 1840s depending on location or on a shorter interval coinciding with the final 40 years of the data then available (1978 – 2017).

In CWG Section 6.4 we presented analysis of updated data for the same locations and many more besides, in all cases finding considerable regional heterogeneity and lack of robustness of trends to use of long samples.

NCA5 did not continue the NCA4 precedent of using the post-1901 interval as the time scale for its precipitation discussion, instead it refers to changes “since the 1950s” which we take to mean 1950 onwards. For the present report we have extended the analysis even further now to include 141 stations across the US in the Pacific Coast, Southwest, Midwest, Northeast and Southeast regions. We provide details in the Appendix; here we note merely that once again it is possible to find trends that support the NCA5 position, but they are not robust to selecting longer or shorter time scales of analysis. Data from 1950 to 2024 yields many indications of increased average and extreme precipitation at individual stations and region-wide averages. But when using the entire data set (back to the 1890s or earlier depending on location) or the later subset (1980 to 2024) the trends become smaller, in many cases they become statistically insignificant, and occasionally they change sign. Only in the Northeast region are the post-1950 trends robust to focusing on the post-1980 interval.

Under Key Message 2.2 “Extreme Events Are Becoming More Frequent and Severe” (p. 2-16) NCA5 states (p. 2-18):

“Rainfall is becoming more extreme”

Since the 1950s, there has been an upward trend in heavy precipitation across the contiguous US. This increase is driven largely by more frequent precipitation extremes, with relatively smaller changes in their intensity. The largest increase in the number of extreme precipitation days (defined as the top 1% of heaviest precipitation events) has occurred over the Northeast (an increase of around 60%) and Midwest (around 45%), along with increases of more than 10% in their annual and 5-year maximum amount

⁶ McKittrick, R., and J.R. Christy (2019). Assessing changes in US regional precipitation on multiple time scales. *Journal of Hydrology*, 578, 124074. <https://doi.org/10.1016/j.jhydrol.2019.124074>

(Figure 2.8). These changes have contributed to increases in river and stream flooding in these regions. The increase in frequency and intensity of precipitation extremes is evident across a broad range of event durations (from 1 to 30 days) and return intervals (1 to 20 years), particularly east of the Rocky Mountains.

There is robust evidence that human-caused warming has contributed to increases in the frequency and severity of the heaviest precipitation events across nearly 70% of the US. Paleoclimate records derived from tree-ring growth provide evidence that summer moisture has increased over the past century in parts of New England, the central-eastern US, and the northern Mississippi River valley.

The following is a more accurate summary of what U.S. data show.

There are regionally-heterogeneous changes in average and extreme precipitation. Positive trends in annual average rainfall and extreme events (defined either as the annual maximum or the number of exceedances of the 99th percentile value) are generally weak or non-existent when looking at samples exceeding 130 years in length. Significant trends can be found when beginning the sample in the 1950s although in most cases the trends weaken and become insignificant when looking at the post-1980 interval. This makes attribution to anthropogenic warming difficult.

Along the Pacific coast very few stations (1 or 2 out of 29) exhibit significant trends on any time scale in any metric and the region-wide trends are insignificant. In the Southeast region about 5 out of 24 stations exhibit positive trends in average and extreme precipitation metrics and the regional trends are likewise significant, but only on samples beginning in 1950. When the sample starts in 1873 or 1980 the trends weaken and become mostly insignificant. In the Midwest region nearly half the stations exhibit positive and significant trends in average precipitation since 1893 (23/61) and 1950 (28/61) but the trends weaken after 1980: only 6/61 locations are significant and the region-wide trend is insignificant. Regional trends in max and 99th percentile exceedances are insignificant post-1893 and -1980 but the latter are positive and significant post-1950.

In the Northeast region 12 out of 27 stations exhibit positive and significant increases in average precipitation post-1888, post-1950 and post-1980 (10/27) and the regional trend is positive and significant in all three intervals. The regional number of 99th percentile exceedances has a positive trend post-1950 and post-1980 but not post-1888. The significant positive trends post-1980 are concentrated in NH but are insignificant elsewhere.

Consequently, precipitation in the U.S. exhibits considerable regional and temporal variability. Relatively more places became wetter than drier. In the Midwest and Northeast the general pattern since 1950 favors increased precipitation depending on the location, although trends since 1980 have not tended to be statistically significant.

4.2 Heatwaves

- details; NCA4 used entire 20th century while NCA5 looked at post-1960 interval

5 INADEQUATE TRACEABLE ACCOUNTS

- details

6 OVERCONFIDENCE WHEN STATING CONCLUSIONS

- details

7 RELIANCE ON EXTREME SCENARIOS

-details

8 BIASED SELECTION OF REFERENCES

-details

9 SUMMARY: EVALUATING OF THE NCA5

9.1 Pertinent aspects when evaluating in light of statutory requirements

- not our remit to make a ruling but here are aspects to consider in light of statutory requirements

9.2 Evaluation from the perspective of expert users of the report

- we have deep knowledge of the topics surveyed by the NCA5 authors
- we do not have confidence that the report was balanced and comprehensive
- we can point to many specific instances in which the report did not exhibit an appropriate level of quality or integrity as a scientific document
- we have reason to believe the whole process, from author selection to handling of expert reviews, was biased towards reinforcing foregone conclusions and alarmist messaging

9.3 Evaluation from the perspective of citizens interested in good policymaking

- Public concerns about climate change are valid, as are concerns about cost of living, economic growth, employment, etc.
- We share the general concern that elected officials and those who serve them have the best information available when making important decisions around energy and climate policy
- NCA5 was a missed opportunity: it could have been a valuable input to that process but it did not turn out that way
- consequently its usage is unlikely to lead to better decisions and would more likely increase the error rate in policy formation and we recommend it not be used for policymaking purposes.

APPENDIX 1: Seth's letter on statutory requirements for NCA5

APPENDIX 2: Analysis of 141 U.S. Longterm Daily Precipitation Records.

Table codes: (-) neg insignificant, -- neg significant, (+) pos insignificant, ++ pos significant.

Column 1: Measure

Column 2: Number of stations in that region

Column 3: Count of stations exhibiting a significant positive trend

Column 3: Count of stations exhibiting a significant negative trend

Column 5: Characteristic of region-wide trend

PACIFIC COAST

Since 1893:

	No. stns	+ trends	- trends	region
1-day average	29	0	1	(-)
2-day average	29	0	1	(-)
Avg on non-zero days	29	0	9	--
Variability	29	1	0	(+)
Annual max	29	2	1	(+)
Number of 99 th pct exceedances	29	1	0	(-)

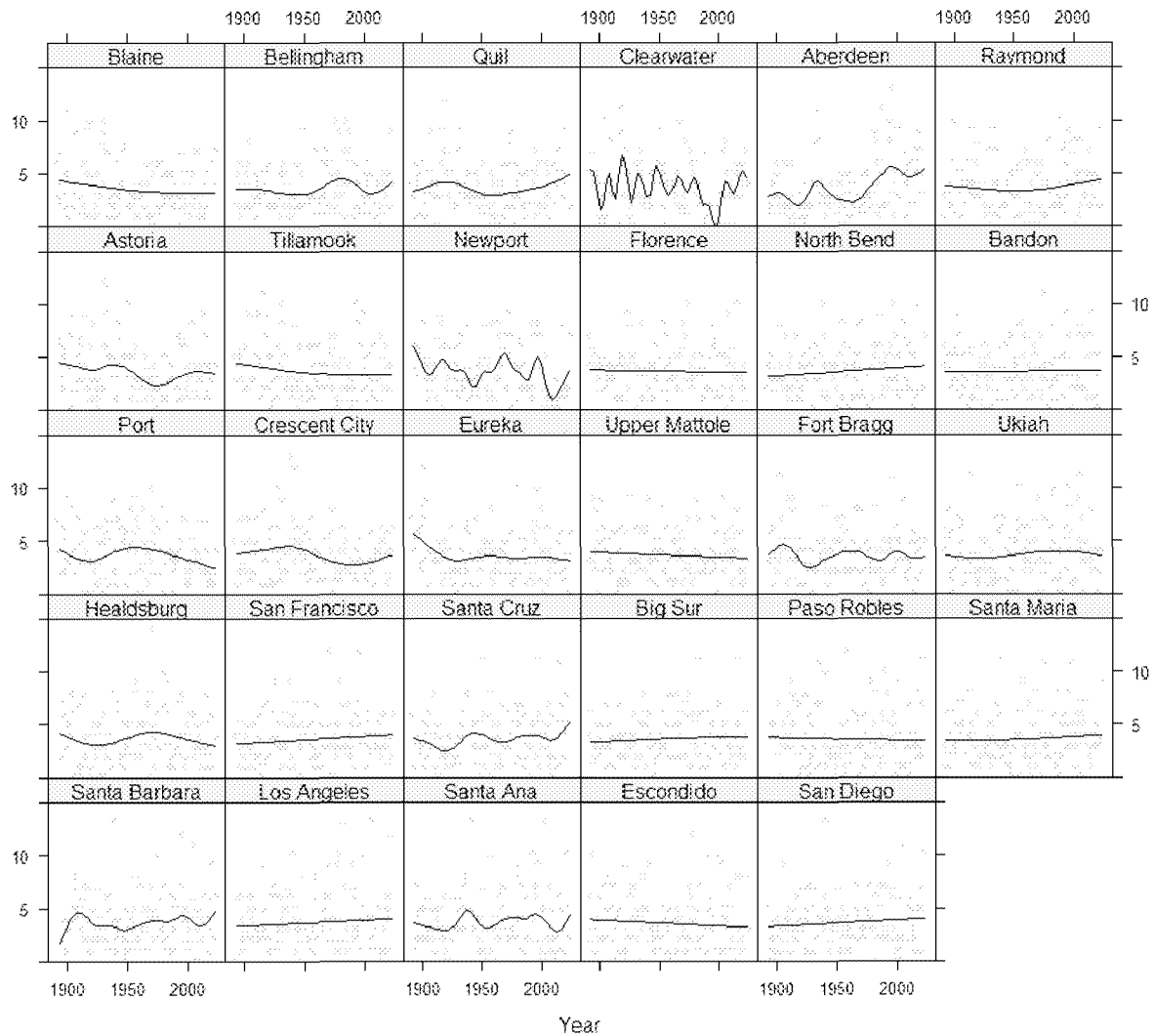
Since 1950:

	No. stns	+ trends	- trends	region
1-day average	29	0	1	(-)
2-day average	29	0	1	(-)
Avg on non-zero days	29	0	4	(-)
Variability	29	2	3	(-)
Annual max	29	6	3	(-)
Number of 99 th pct exceedances	29	2	1	(-)

Since 1980:

	No. stns	+ trends	- trends	region
1-day average	29	0	0	(-)
2-day average	29	0	0	(-)
Avg on non-zero days	29	0	1	(-)
Variability	29	0	0	(-)
Annual max	29	2	1	(-)
Number of 99 th pct exceedances	29	0	0	(+)

Annual No. 99th Percentile Exceedances PC 1893-2024



SOUTHEAST

Since 1873:

	No. stns	+ trends	- trends	region
1-day average	24	1	1	(+)
2-day average	24	1	1	(+)
Avg on non-zero days	24	7	2	(+)
Variability	24	1	0	(+)
Annual max	24	2	0	(+)
Number of 99 th pct exceedances	24	5	0	(+)

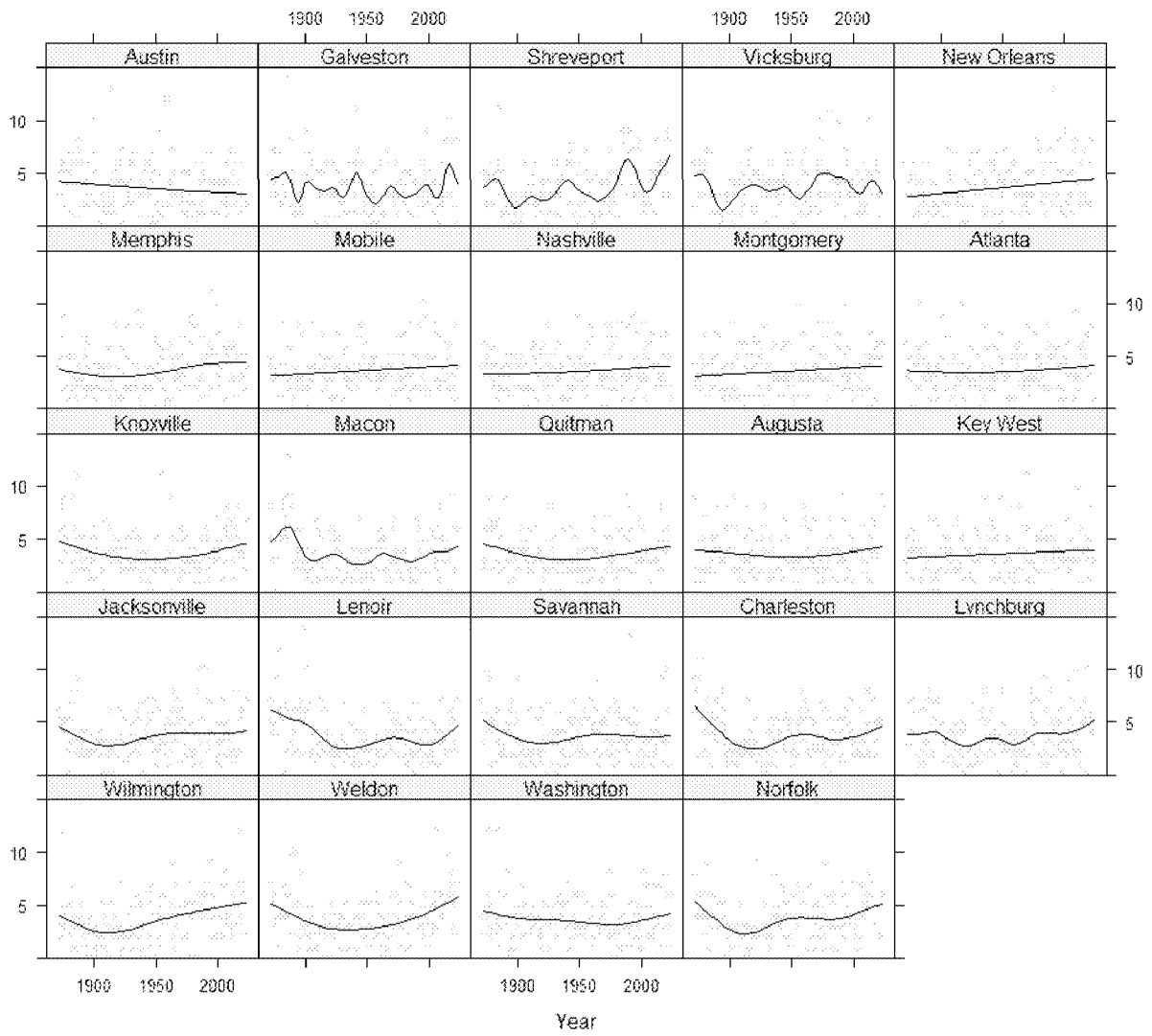
Since 1950:

	No. stns	+ trends	- trends	region
1-day average	24	5	0	++
2-day average	24	5	0	++
Avg on non-zero days	24	5	1	++
Variability	24	6	0	++
Annual max	24	4	0	++
Number of 99 th pct exceedances	24	4	0	(+)

Since 1980:

	No. stns	+ trends	- trends	region
1-day average	24	5	0	(+)
2-day average	24	5	0	(+)
Avg on non-zero days	24	5	1	(+)
Variability	24	3	0	(+)
Annual max	24	4	0	(+)
Number of 99 th pct exceedances	24	4	0	(+)

Annual No. 99th Percentile Exceedances SE 1873-2024



MIDWEST

Since 1893:

	No. stns	+ trends	- trends	region
1-day average	61	23	0	++
2-day average	61	23	0	++
Avg on non-zero days	61	2	12	(+)
Variability	61	12	0	++
Annual max	61	9	0	(+)
Number of 99 th pct exceedances	61	10	0	(+)

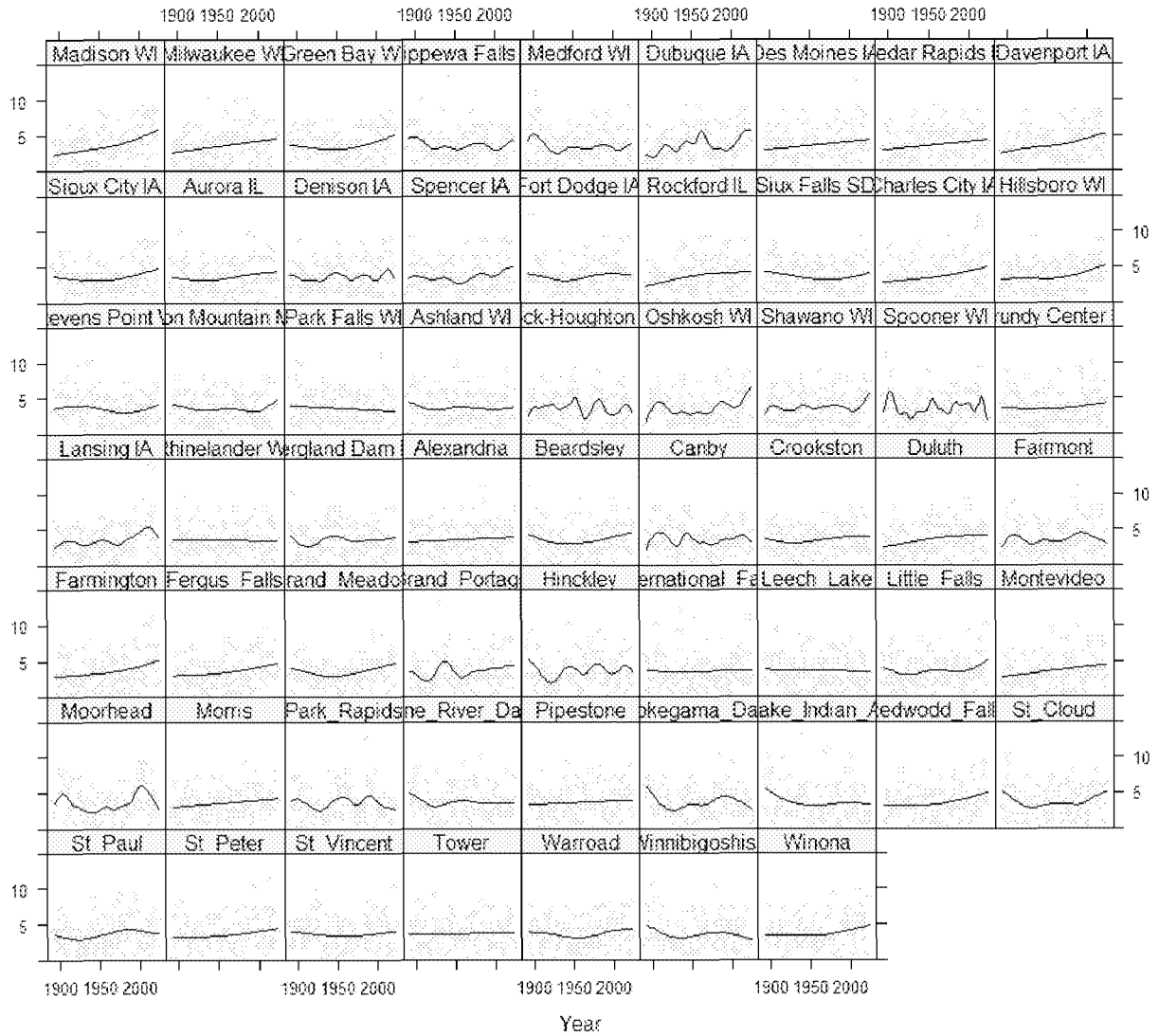
Since 1950:

	No. stns	+ trends	- trends	region
1-day average	61	28	2	++
2-day average	61	28	2	++
Avg on non-zero days	61	11	1	++
Variability	61	16	0	(+)
Annual max	61	8	0	(+)
Number of 99 th pct exceedances	61	19	0	++

Since 1980:

	No. stns	+ trends	- trends	region
1-day average	61	6	1	(+)
2-day average	61	6	1	(+)
Avg on non-zero days	61	8	2	(+)
Variability	61	5	1	(+)
Annual max	61	0	1	(+)
Number of 99 th pct exceedances	61	5	3	(-)

Annual No. 99th Percentile Exceedances MW 1893-2024



NORTHEAST

Since 1888:

	No. stns	+ trends	- trends	region
1-day average	27	12	0	++
2-day average	27	12	0	++
Avg on non-zero days	27	7	1	(+)
Variability	27	4	0	(+)
Annual max	27	3	0	(-)
Number of 99 th pct exceedances	27	5	0	(+)

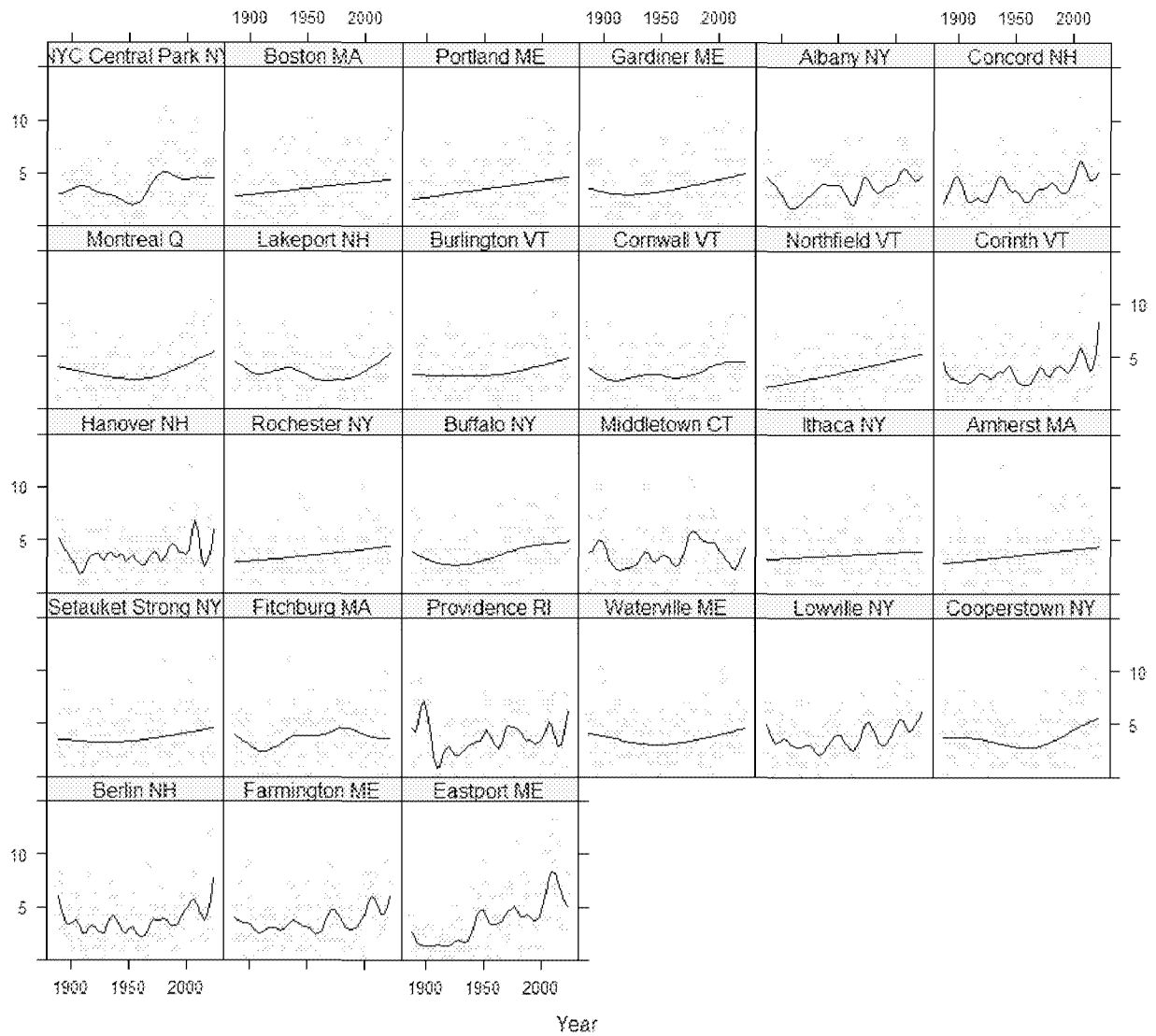
Since 1950:

	No. stns	+ trends	- trends	region
1-day average	27	12	0	++
2-day average	27	12	0	++
Avg on non-zero days	27	7	1	(+)
Variability	27	4	0	(+)
Annual max	27	3	0	(-)
Number of 99 th pct exceedances	27	5	0	++

Since 1980:

	No. stns	+ trends	- trends	region
1-day average	27	10	1	++
2-day average	27	10	1	++
Avg on non-zero days	27	6	0	(+)
Variability	27	2	0	(+)
Annual max	27	1	0	(+)
Number of 99 th pct exceedances	27	1	1	++

Annual No. 99th Percentile Exceedances NE 1888-2024



From: John Christy <climateman60@gmail.com>
Sent: Saturday, May 24, 2025 7:47 AM
To: Ross McKittrick; Steve Koonin; Judith Curry; Roy W. Spencer; Travis Fisher
Subject: NCA Language.

All

I think this is the NCA language. Looks like we're halfway there

John C.

SEC. 106. SCIENTIFIC ASSESSMENT

On a periodic basis (not less frequently than every 4 years), the Council, through the Committee, shall prepare and submit to the President and the Congress an assessment which:

1. Integrates, evaluates, and interprets the findings of the Program and discusses the scientific uncertainties associated with such findings
2. Analyzes the effects of global change on the natural environment, agriculture, energy production and use, land and water resources, transportation, human health and welfare, human social systems, and biological diversity
3. Analyzes current trends in global change, both human- induced and natural, and projects major trends for the subsequent 25 to 100 years.

Sent from my iPhone

From: Ross McKittrick <ross.mckittrick@gmail.com>
Sent: Sunday, June 1, 2025 6:31 PM
To: John Christy
Cc: Roy Spencer; Steve Koonin; judith curry; Travis Fisher; Josh Loucks
Subject: Re: Tuesday meeting

Thanks John. I'll get all these analyses underway v soon. For the moment, given that we have another short work product deadline I first want to make sure we all agree on the scoping of our NCA memo.
Ross

On Sun, Jun 1, 2025 at 6:24 PM John Christy <climateman60@gmail.com> wrote:
Ross

Here are the NE stations - all begin in 1888.

I'm giving you the opportunity to write the text around the results you discover.

John C.

John Christy
Director, Earth System Science Center
Professor, Atmos and Earth Science
Alabama State Climatologist
The University of Alabama in Huntsville
climateman60@gmail.com

On Jun 1, 2025, at 5:14 PM, John Christy <climateman60@gmail.com> wrote:

Ross

Attached is a file of 23 new stations for the Upper Midwest. With the 31 stations from MN you already have, this makes 54 stations to give good confidence in the results (see map). These new stations are to the east and south in SD, IA, WI, IL and MI, but just a few from each. If I had more time I could fill in some of the white space in the NE quadrant, but I doubt that would change results (the US border trends southward there). All start in 1893 with no missing data.

One thing to note about this region - the Dust Bowl really had an impact, so trends will be quite positive. I'm guessing your statistical technique will recognize that and grant even greater natural variability ranges than would be the case for the past 50 years.

I was hoping later this evening to generate monthly files from the CMIP6 model output for this box, but the website is having fits and I can't get a page with hot links.. I actually have the

output for the red box, but that is basically constrained to be Minnesota, and I think we could be criticized for a mismatch in the station data vs the model output.

I thought the upper Midwest would be a good location to compare with CMIP6 as it gives the models a big break - no irregular coastlines or terrain that models are terrible in representing.

Attached are some of the results from Minnesota - magnitude of annual precipitation varies by about $\pm 40\%$ around the mean and the trends for 2000-2100 range from -8% to +24% with an average of +7% (translates to about 2 inches more per year which is about half of a standard deviation of the inter annual variability of the observations.) The wide range of mean annual precipitation is a big red flag that the proper amount of heat in the form of water vapor is not being balanced at the surface and atmosphere.

I'll ge the updated NE stations (31) to you momentarily.

John C.

John Christy
Director, Earth System Science Center
Professor, Atmos and Earth Science
Alabama State Climatologist
The University of Alabama in Huntsville
climateman60@gmail.com

<MidW_23stn_1893_2024_250601.xlsx>

<UpMidW_54stns_1893_250601.png>

<MN_Ann_Precip_CMIP6.png>

<MN_21cent_trend.png>

On Jun 1, 2025, at 7:48 AM, Roy Spencer <roywspencer@hotmail.com> wrote:

I have a 3:15 CDT appt with an oral surgeon on Tuesday.

You might want to continue without me anyway, though, because I'm behind on revisions to our BAMS paper on debunking the Death Valley world record highest temperature, so I won't have time to devote to reading NCA5 for a few days.

-Roy

From: Steven Koonin <steven.koonin@gmail.com>

Sent: Saturday, May 31, 2025 10:54 AM

To: 'John Christy' <climateman60@gmail.com>

Cc: 'judith curry' <curry.judith@gmail.com>; 'Travis Fisher'

<travis.scott.fisher@gmail.com>; 'Roy Spencer' <roywspencer@hotmail.com>; 'Ross

McKittrick' <ross.mckittrick@gmail.com>; 'Josh Loucks' <loucksj14@gmail.com>

Subject: an early take on NCA5 Chapter 1

A read-through of NCA5 Chapter 1 shows some endemic issues we should flag (some of these already mentioned). Plenty of examples of each in the text.

- confusion of climate change vs changing climate (i.e., attribution of all climate changes to anthropogenic forcing)
- confusion of weather vs climate (the plural of anecdote is not evidence)
- no mention of uncertainties or significance in trends cited
- taking model results at face value (have they pruned the ensemble used?)
- no setting of scale for big numbers (e.g., dollars of climate damage relative to GDP)
- truncation of data records (ignoring the inconveniently warm 1930s)
- use of extreme, implausible scenarios (even though AR6 had already declared SSP8.5 and 7 implausible)
- no mention of benefits of climate change or how they net against disbenefits?

...

SEK

From: John Christy [climateman60@gmail.com]
Sent: 6/1/2025 10:24:19 PM
To: Roy Spencer [roywspencer@hotmail.com]
CC: Steve Koonin [steven.koonin@gmail.com]; judith curry [curry.judith@gmail.com]; Travis Fisher [travis.scott.fisher@gmail.com]; Ross McKittrick [ross.mckittrick@gmail.com]; Josh Loucks [loucksj14@gmail.com]
Subject: Re: Tuesday meeting
Attachments: Untitled attachment.htm; NE_dly_prdp_1888_2024_31stns.xlsx; Untitled attachment.htm

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			NYCP	BOST	PRTL	GRDN	ALBY	CONC	MNTR	LKPT	BURL	CRNW
1888	1	1	2.05	0.56	1.55	0	0.78	1.31	0.53	1.53	0.07	0.69
1888	1	2	0	0.27	0.22	1.56	0.12	0	0	0	0.14	0
1888	1	3	0	0	0	0	0	0	0	0	0	0
1888	1	4	0	0.01	0	0	0.17	0.1	0	0	0.03	0.15
1888	1	5	0	0	0	0	0.02	0	0	0	0	0
1888	1	6	0.26	0	0	0	0.04	0	0.01	0	0	0
1888	1	7	0.02	0	0.06	0.15	0.02	0.05	0.17	0.07	0.02	0
1888	1	8	0.02	0.16	0.18	0.08	0.07	0.03	0	0	0.03	0.17
1888	1	9	0	0	0	0	0	0	0	0	0	0
1888	1	10	0.14	0.12	0.12	0.1	0.15	0.12	0.15	0.15	0.08	0
1888	1	11	0	0	0	0	0	0	0	0	0	0
1888	1	12	0	0	0	0	0	0	0	0	0	0
1888	1	13	1.11	0.16	0.7	0.39	0.14	0.37	0.12	0.54	0.09	0
1888	1	14	0	0	0	0	0	0	0	0	0	0
1888	1	15	0	0.08	0.38	0.31	0.15	0.27	0.08	0.36	0.02	0.29
1888	1	16	0	0	0	0	0	0	0	0	0	0
1888	1	17	0.37	0.3	0.14	0	0.4	0.47	1.3	0	0.06	0
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1888	1	19	0	0	0	0	0	0	0	0	0	0
1888	1	20	0	0	0	0	0.01	0	0	0	0	0
1888	1	21	0	0	0	0	0	0	0	0	0	0
1888	1	22	0	0	0	0	0	0	0	0	0	0
1888	1	23	0	0	0	0	0.04	0.03	0.23	0	0.03	0
1888	1	24	0	0.01	0.09	0.19	0.02	0	0.01	0	0	0
1888	1	25	0.85	0	0	0	0.18	0.21	0.22	0	0	0
1888	1	26	0.05	0.38	1.93	0	0.7	1.89	0.5	1.03	0.4	1.24
1888	1	27	0	0	0.02	1.9	0	0	0.06	0	0.02	0
1888	1	28	0	0	0	0	0	0	0.01	0	0	0
1888	1	29	0	0	0	0	0	0	0	0	0	0
1888	1	30	0	0	0	0	0	0	0	0	0	0
1888	1	31	0.09	0	0	0	0	0	0	0	0.01	0
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1888	2	2	0	0	0	0	0	0	0	0	0	0

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1888	2	5	0.01	0.11	0.45	0.9	0.16	0	0.11	0	0.02	0
1888	2	6	0	0	0	0.7	0.02	0	0.01	0	0	0
1888	2	7	0.21	0.02	0.18	0	0.18	0	0.06	0	0	0.1
1888	2	8	0.06	0.09	0.41	0.63	0.11	0.39	0.03	0.55	0.22	0
1888	2	9	0	0	0	0.05	0	0	0	0	0	0
1888	2	10	0.13	0.1	0.04	0	0.04	0	0.53	0.17	0	0
1888	2	11	0.58	0.57	0.27	0.31	0.28	0.48	0.43	0	0.02	0
1888	2	12	0.06	0	0	0	0	0	0	0	0	0
1888	2	13	0	0	0	0	0	0	0	0	0	0
1888	2	14	0	0	0	0	0	0	0.1	0	0.1	0
1888	2	15	0	0	0.15	0.2	0	0	0.05	0	0	0
1888	2	16	0	0	0	0	0	0	0	0	0	0
1888	2	17	0	0	0	0	0	0	0.15	0	0.03	0
1888	2	18	0.01	0	0	0	0.06	0	0	0	0	0
1888	2	19	0	0	0	0	0	0	0	0	0	0
1888	2	20	0.53	0.37	1.6	0	0.29	1.25	0.47	1.84	0.06	0.74
1888	2	21	0	0.29	0.65	1.9	0.16	0	0	0	0	0
1888	2	22	0	0	0	0	0	0	0	0	0	0
1888	2	23	0	0	0	0	0	0	0.17	0	0.01	0
1888	2	24	0	0	0	0	0	0	0	0	0	0
1888	2	25	1.56	0.55	0.9	0	0.26	0.76	0.71	0	0.19	0.31
1888	2	26	0.09	0.01	0.28	1.21	0.12	0	0	1.63	0.05	0
1888	2	27	0	0	0	0	0	0	0	0	0.02	0
1888	2	28	0	0	0	0	0	0	0	0	0	0
1888	2	29	0	0	0	0	0	0	0	0	0	0.01
1888	3	1	0	0	0	0	0.14	0	0	0	0.02	0
1888	3	2	0	0	0	0	0.1	0	0	0	0.1	0
1888	3	3	0.05	0.08	0	0.15	0.2	0.1	0.15	0.07	0	0
1888	3	4	0	0	0	0	0	0	0	0	0	0
1888	3	5	0.01	0	0	0	0	0	0	0	0	0
1888	3	6	0	0	0	0	0	0	0	0	0	0
1888	3	7	0	0	0	0	0	0	0	0	0	0
1888	3	8	0	0	0	0	0	0	0	0	0.03	0
1888	3	9	0	0	0	0	0	0	0	0	0	0
1888	3	10	0	0	0	0	0	0	0	0	0	0
1888	3	11	0.65	0	0	0	0.28	0.1	0.17	0	0	0
1888	3	12	1.45	0.72	0.47	0	2.29	2.3	0.82	0	1.2	0
1888	3	13	0	0.3	0.22	0.6	0.93	0.16	0.58	0	1.1	2.4
1888	3	14	0.02	0.22	0	0.4	0.13	0	0	0	0	0
1888	3	15	0	0	0	0	0	0	0	0	0	0
1888	3	16	0	0	0	0	0	0	0.05	0	0.02	0

1888	3	17	0	0	0	0	0	0	0	0	0	0
1888	3	18	0	0	0	0	0	0	0	0	0	0
1888	3	19	0	0	0	0	0	0	0	0	0	0
1888	3	20	0.06	0.03	0.05	0	0	0	0.4	0.32	0	0
1888	3	21	0.73	0.73	1.06	0	0.59	0.93	0.08	1.27	0.14	1.06
1888	3	22	0	0.06	0.3	2.03	0.02	0	0	0	0.09	0
1888	3	23	0	0	0.02	0.12	0	0	0	0	0	0
1888	3	24	0	0	0	0	0	0	0	0	0	0
1888	3	25	0	0	0	0	0	0	0	0	0	0.25
1888	3	26	1.1	0.23	0.38	0	0.37	0.24	0.32	0	0.1	0
1888	3	27	0.24	0.43	0.49	0.56	0.09	0.66	0	0.66	0	0
1888	3	28	0	0.32	0.5	0.5	0.05	0.17	0.03	0.03	0	0.84
1888	3	29	0.31	0.2	0.21	0.48	0.43	0.26	0.69	0.41	0.82	0
1888	3	30	0	0	0	0	0	0	0.09	0	0	0
1888	3	31	0	0	0.02	0.45	0	0	0.31	0.18	0.09	0
1888	4	1	0.01	0.02	0	0	0.2	0	0.02	0	0	0
1888	4	2	0	0.58	1.85	0.6	0.46	0.77	0.24	1.13	0.2	0
1888	4	3	0	0	0	0	0	0	0	0	0	0
1888	4	4	0	0	0	0	0	0	0	0	0	0
1888	4	5	1.11	0.4	0.38	0	0.18	0.27	0.39	0	0.34	0.97
1888	4	6	0.23	0.26	0.12	0.35	0.26	0.28	0.03	0.61	0	0
1888	4	7	0	0	0	0	0	0	0	0	0	0
1888	4	8	0	0	0	0	0	0	0	0	0	0
1888	4	9	0	0	0	0	0	0	0	0	0	0
1888	4	10	1.1	0.11	0	0	0.08	0.38	0.22	0	0.02	0
1888	4	11	0	0.29	0.78	0	0.06	0.4	0.27	0.86	0.35	0.23
1888	4	12	0.06	0.01	0.06	0.45	0	0	0.06	0	0.09	0
1888	4	13	0	0	0	0.28	0	0	0.05	0	0.03	0
1888	4	14	0.07	0.11	0.19	0	0.04	0.2	0	0.3	0.11	0
1888	4	15	0	0.09	0.12	0.22	0	0	0	0	0	0
1888	4	16	0.12	0.01	0	0	0	0.01	0.01	0	0	0
1888	4	17	0	0	0	0	0	0	0	0	0	0
1888	4	18	0	0.05	0.05	0	0.06	0.07	0.03	0.11	0.02	0
1888	4	19	0	0	0	0	0	0	0	0	0	0
1888	4	20	0.15	0.06	0	0	0.61	0.21	0	0	0.25	0.55
1888	4	21	0	0.05	0.23	0	0	0.22	0.08	0.58	0.14	0
1888	4	22	0	0	0	0.3	0	0.03	0.02	0	0.33	0.34
1888	4	23	0.04	0	0	0	0	0	0	0	0.02	0
1888	4	24	0	0	0	0	0	0	0	0	0	0
1888	4	25	0	0	0	0	0	0	0	0	0	0
1888	4	26	0	0	0	0	0	0	0	0	0	0
1888	4	27	0	0	0	0	0	0	0	0	0	0
1888	4	28	0	0	0	0	0	0	0.04	0	0	0

1888	4	29	0	0	0.02	0.07	0	0	0	0	0	0
1888	4	30	0	0	0	0	0	0	0.11	0	0.03	0
1888	5	1	0.08	0.03	0.08	0.07	0.2	0.12	0.23	0.22	0.27	0
1888	5	2	0	0.03	0	0.22	0.03	0	0	0.1	0	0
1888	5	3	0	0	0	0	0	0	0	0	0	0.27
1888	5	4	0.05	0	0	0	0	0.08	0	0	0.05	0
1888	5	5	0.09	0.25	0.31	0.12	0.1	0.08	0.24	0.24	0.07	0
1888	5	6	0	0.02	0	0	0	0	0	0	0	0
1888	5	7	0	0	0	0	0	0	0	0	0	0
1888	5	8	0	0	0	0	0	0.05	0	0	0	0.37
1888	5	9	0.02	0.53	0.45	0.22	0.08	0.66	0	0.4	0.25	0
1888	5	10	0.19	0.01	0.26	0.18	0.04	0.35	0.25	0.22	0.14	0
1888	5	11	1.63	0.38	0.03	0	0.11	0.21	0	0	0	0.08
1888	5	12	0.08	1.42	1.38	0	0.09	1.51	0.25	0.99	0.08	0
1888	5	13	0.05	1.14	0.23	1.16	0.03	0.13	0.02	0.39	0.3	0.41
1888	5	14	0.44	0.02	0.02	0	0.68	0.07	0.12	0.08	0.02	0.94
1888	5	15	0.17	0.2	0.1	0.09	0.25	0.19	0.12	0.15	1	0
1888	5	16	0	0	0	0	0.15	0	0.04	0	0.08	0.34
1888	5	17	0	0	0	0	0	0	0.02	0	0	0
1888	5	18	0.06	0	0	0	0.37	0.1	0	0	0.04	0
1888	5	19	0.5	0.22	0.05	0	0.16	0.09	0.13	0.08	0	0.01
1888	5	20	0	0	0	0	0	0	0	0	0	0
1888	5	21	0	0	0	0	0	0	0	0	0	0
1888	5	22	0	0	0	0	0	0	0	0	0	0
1888	5	23	0.01	0	0	0	0	0	0	0	0	0
1888	5	24	0.36	0	0	0	0	0	0	0	0	0
1888	5	25	0.11	0	0	0	0	0	0	0	0	0
1888	5	26	0.16	0.1	0	0	0	0	0.02	0	0	0
1888	5	27	0	0.03	0	0	0	0	0.15	0	0.03	0
1888	5	28	0.26	0.21	0.23	0	0.44	0.3	0.26	0	0.65	0.25
1888	5	29	1.15	0.4	0.22	0.42	0.25	0.3	0.01	1.1	0	0
1888	5	30	0.17	0.16	0	0	0	0	0	0	0	0
1888	5	31	0.04	0.05	0	0	0	0.24	0.11	0	0.28	0
1888	6	1	0	0.05	0	0.1	0	0	0.05	0.04	0	0.18
1888	6	2	0	0	0	0	0.02	0	0.07	0	0	0
1888	6	3	0	0	0	0	0	0	0.15	0	0.48	0
1888	6	4	0	0	0	0	0	0	0	0	0	0
1888	6	5	0	0	0	0	0	0	0	0	0	0
1888	6	6	0	0	0.25	0.35	0.02	0.01	0.42	0.24	0.42	0.04
1888	6	7	0	0.23	0.92	0	0.08	1.2	0	0	0.03	0
1888	6	8	0	0	0	0	0	0	0	0	0	0
1888	6	9	0	0	0	0	0	0	0	0	0	0
1888	6	10	0.02	0	0	0	0	0	0.61	0	0	0

1888	6	11	0	0.06	0	0	0.2	0	0.33	0	0.2	0
1888	6	12	0	0	0	0	0	0	0	0	0	0
1888	6	13	0	0	0	0	0	0	0	0	0	0
1888	6	14	0	0.64	0.07	0.15	0.47	0.2	0.05	0.22	0.45	0.28
1888	6	15	0.26	0.47	0.07	0.31	0.75	0.12	0.47	0.42	0.43	0
1888	6	16	0	0	0.01	0	0	0	0.04	0	0	0
1888	6	17	0	0	0	0	0	0	0	0	0	0
1888	6	18	0	0	0	0.01	0	0	0.06	0	0	0
1888	6	19	0	0	0	0	0	0	0	0	0	0
1888	6	20	0	0.07	0.16	0	0	0.12	0.16	0.04	0.4	0.43
1888	6	21	0	0.01	1.06	0	0.01	0.2	0.03	0.16	0.64	0.48
1888	6	22	0	0	0	0.2	0	0	0.27	0	0.04	0
1888	6	23	0.16	0.21	0.06	0.15	1.04	0.03	0.1	0.07	0.19	0.28
1888	6	24	0.05	0	0	0	0.1	0.5	0.03	1.36	0.24	0.52
1888	6	25	0	0.01	0.08	1.07	0.04	0.03	0.21	0.46	0	0.12
1888	6	26	0.99	0.53	0.07	0	0.13	0.12	0	0.14	0.38	1.12
1888	6	27	0	0	0	0	0	0	0	0	0	0
1888	6	28	1.03	0	0	0	0.28	0	0	0	0	0
1888	6	29	0.04	0.02	0	0	0.02	0.04	0	0	0	0
1888	6	30	0.05	0.39	0.04	0.25	0.02	0	0.07	0.02	0.05	0
1888	7	1	0.01	0.11	0.04	0	0	0.01	0	0.1	0.05	0
1888	7	2	0	0	0.06	0	0	0	0	0.03	0	0
1888	7	3	0	0	0	0	0	0	0	0	0	0
1888	7	4	0	0	0	0	0	0	0	0	0	0
1888	7	5	0.12	0	0	0	1	0.16	0	0	0	0
1888	7	6	0	0	0	0	0	0	0	0	0	0
1888	7	7	0	0	0	0.07	0	0	0.06	0	0	0
1888	7	8	0	0	0	0	0	0	0	0	0	0
1888	7	9	0.31	0	0	0	0.1	0	0	0	0	0
1888	7	10	0.06	0	0	0	0	0	0	0	0	0
1888	7	11	0	0.01	0	0	0.04	0.18	0.22	0.69	0.37	0.64
1888	7	12	0.01	0.11	0.67	0.81	0.24	0	0.63	0	0.07	0.3
1888	7	13	0	0	0	0.06	0	0	0.03	0	0.3	0
1888	7	14	0	0	0	0	0	0	0	0	0	0
1888	7	15	0	0	0.14	0.15	0	0	0	0	0	0
1888	7	16	0	0	0.04	0	0	0	0	0	0	0
1888	7	17	0	0	0	0	0	0	0	0	0	0
1888	7	18	0	0	0	0	0	0	0.02	0	0	0
1888	7	19	0.7	0.01	0.14	0	0.18	0.35	0.16	0.38	0	0
1888	7	20	0.06	0.69	0.42	0	0	0	0	0.07	0.03	0
1888	7	21	0	0	0	0.15	0	0	0	0	0	0
1888	7	22	0	0.64	0.25	0.15	0	0	0	0	0	0
1888	7	23	0	0.09	0.04	0	0	0	0	0	0.05	0.17

1888	7	24	0	0	0	0.06	0.14	0	0.1	0	0.06	0
1888	7	25	0	0	0	0	0	0	0.08	0	0	0
1888	7	26	0	0	0	0	0	0	0	0	0.21	0
1888	7	27	0.18	0.12	0.06	0.1	0.04	0.24	0	0	0	0
1888	7	28	0	0.01	0.01	0.06	0	0	0	0	0	0
1888	7	29	0	0	0	0	0	0.02	0	0	0	0
1888	7	30	0.04	0	0.03	0.17	0	0	0	0	0	0.07
1888	7	31	0.04	0	0	0.42	0.78	0	0.02	0.31	0.33	0
1888	8	1	0.54	0.26	0.12	0	0.2	0.24	0	0	0	0
1888	8	2	0	0	0	0	0	0	0	0	0	0
1888	8	3	0	0	0	0	0	0	0	0	0	0
1888	8	4	2.24	0	0.1	0.17	0.08	0.05	0.86	0.09	0.25	0
1888	8	5	0.01	0	0	0	0.06	0	0	0	0	0
1888	8	6	0	0.88	0.38	0	0.1	0.54	0	0.29	0	0
1888	8	7	0	0.14	0.47	0.47	0.18	0	0.15	0.02	0.02	0.01
1888	8	8	0.02	0	0	0	0	0.02	0.01	0	0.51	0.34
1888	8	9	0	0.02	0.12	0.13	0.06	0	0	0.1	0	0
1888	8	10	0	0	0	0	0	0	0	0	0	0
1888	8	11	0	0	0	0	0	0	0.08	0	0.03	0
1888	8	12	0.47	0.04	0.22	0	1.3	0.91	0	0	0	0
1888	8	13	0.02	1.44	1.17	0	0.84	0.91	2.1	1.46	1.43	0.96
1888	8	14	0	0	0.05	1.2	0	0	0.18	0	0	0.65
1888	8	15	0	0	0	0	0	0	0.15	0	0	0
1888	8	16	0	0.03	0	0	0.04	0	0.25	0	0	0
1888	8	17	0.03	0.23	0.39	0.38	0.58	0.2	1.06	0.64	0.55	0
1888	8	18	0	0.07	0.01	0	0.02	0	0	0	0	0
1888	8	19	0	0.02	0	0	0	0	0.24	0	0	0
1888	8	20	0	0	0	0	0	0	0	0	0	0
1888	8	21	4.19	0.04	0	0.82	0.46	0.4	0.34	0	0.23	0
1888	8	22	0.13	3.36	1.22	0.67	0.64	0.4	0.62	0.99	0	0
1888	8	23	0	0	0	0	0	0	0.03	0	0	0
1888	8	24	0	0	0	0	0	0	0.24	0	0.15	0
1888	8	25	0	0	0	0.16	0	0	0.05	0	0.18	0
1888	8	26	0	0	0	0.14	0	0	0.79	0	0.25	0
1888	8	27	0.01	0	0.11	0.09	0	0	0	0.32	0.1	0
1888	8	28	0	0	0	0	0	0	0	0	0	0
1888	8	29	0	0	0	0	0	0	0	0	0	0
1888	8	30	0	0	0	0	0	0	0.27	0	0	0
1888	8	31	0	0	0	0	0.18	0	0.47	0	0.4	0.76
1888	9	1	0.13	0.21	1.44	1.15	1.8	2.35	0.26	1.11	1.08	0.05
1888	9	2	0	0	0	0.05	0	0	0	0	0	0
1888	9	3	0	0	0	0	0	0	0	0	0	0
1888	9	4	0	0.04	0	0	0	0	0.21	0	0.02	0.02

1888	9	5	0	0	0	0	0	0	0	0	0	0
1888	9	6	0	0	0	0	0	0	0	0	0	0
1888	9	7	0	0	0	0	0	0	0	0	0	0
1888	9	8	1.67	0.22	0.73	0	0.7	0.95	0.98	1.72	0.67	1
1888	9	9	0.8	0.08	0.02	0.84	0	0	0.21	0	0	0
1888	9	10	0.25	1.09	0	0	0	0	0	0	0.03	0
1888	9	11	0.97	0	0	0	0	0	0	0	0	0
1888	9	12	0.1	0.51	0.22	0.53	0.14	0.17	0.03	0.39	0.02	0.11
1888	9	13	0.72	0.05	0	0	0	0	0.05	0	0	0
1888	9	14	0	0	0	0	0	0	0	0	0	0
1888	9	15	0	0	0	0	0	0	0	0	0	0
1888	9	16	0.16	0.01	0.03	0	0.06	0.48	0.88	0.36	0.05	0.68
1888	9	17	1.14	0.09	1.41	0	0.78	0.85	0	0	1.04	0
1888	9	18	0.29	1.57	0.88	1.78	0.6	0.85	0.04	1.4	0.09	0
1888	9	19	0	0.01	0.04	0	0	0	0.16	0	0.25	0
1888	9	20	0.45	0	0.11	0	0.04	1.83	0.33	0	0.58	0.8
1888	9	21	1.3	0.71	0.49	0	0.08	1.83	0.23	0	1.38	0.2
1888	9	22	0	0.06	0.76	0	0.38	0.01	0	1.54	0.1	0
1888	9	23	0	0.01	0.02	1.14	0	0	0	0	0	0
1888	9	24	0	0.01	0	0	0	0	0	0	0	0
1888	9	25	0.06	2.08	0	0	0	0	0	0	0	0
1888	9	26	0.12	0	2.05	1.6	0.1	1.65	0	1.54	0.18	0.2
1888	9	27	0	0	0	0	0	0	0.3	0	0.06	0
1888	9	28	0	0.02	0.02	0.03	0	0	0	0	0.02	0
1888	9	29	0	0	0	0	0	0	0.01	0	0.01	0
1888	9	30	0	0	0	0	0	0	0	0	0.1	0
1888	10	1	0.03	0.13	0.07	0	0.82	0.85	0.27	0	0.23	0.46
1888	10	2	0.01	0.3	0.64	0.52	0.48	0.15	0.38	0.8	0.05	0
1888	10	3	0	0	0	0	0	0	0	0	0.05	0
1888	10	4	0	0	0	0	0	0	0.11	0	0.03	0.01
1888	10	5	0	0	0	0	0	0	0.1	0	0.04	0
1888	10	6	2.05	0.24	0.14	0	1.26	0.54	0.29	0	0.5	1.17
1888	10	7	0	0.96	2.05	2.72	0.6	0.6	0.44	1.21	0.47	0
1888	10	8	0	0	0	0	0	0	0	0	0.01	0
1888	10	9	0	0	0	0	0.12	0.01	0.58	0.09	0.03	0.02
1888	10	10	0	0	0	0	0	0	0.01	0	0	0
1888	10	11	0	0	0	0	0	0	0	0	0	0
1888	10	12	0.21	0.06	0	0	0.05	0.3	0.07	0	0.07	0.01
1888	10	13	0.01	0.13	0.83	0.59	0	0.2	0.22	0	0.3	0.49
1888	10	14	0.02	0.09	0.02	0	0.37	0.08	0.01	0.25	0.19	0.01
1888	10	15	0	0	0	0	0.02	0	0	0	0	0
1888	10	16	0.06	0	0.06	0	0.01	0.06	0.11	0	0.05	0.09
1888	10	17	0.27	0.06	0.43	0	0.37	0.61	0.08	0.68	0.02	0

1888	10	18	0	0	0.01	0.32	0	0	0	0	0.01	0
1888	10	19	0.35	0	0.06	0	0.06	0.26	0.2	0	0.23	0.39
1888	10	20	0.05	0.38	0.62	0.62	0.14	0.26	0.15	0.37	0.02	0
1888	10	21	0	0	0	0	0	0	0.19	0	0.02	0.02
1888	10	22	0	0	0	0	0	0	0	0	0	0
1888	10	23	0.16	0	0	0	0.04	0	0	0	0.04	0
1888	10	24	0.23	0.81	0.81	0.84	0.24	0.88	0.46	0.79	0.78	0.9
1888	10	25	0	0	0	0	0	0	0	0	0	0
1888	10	26	0	0	0	0	0	0	0	0	0	0
1888	10	27	0.74	0.05	0.13	0	0.76	0.29	0.32	0	0.16	0.02
1888	10	28	0.14	0.33	1.07	0	0.62	0.54	0.14	0.99	0.63	0.85
1888	10	29	0	0.04	0.53	1.1	0.08	0	0	0	0	0
1888	10	30	0	0	0	0	0.06	0	0	0	0	0
1888	10	31	0	0	0	0	0	0	0.48	0	0.01	0
1888	11	1	0	0	0	0	0	0	0.02	0	0.01	0
1888	11	2	0	0	0	0	0	0	0.24	0	0	0
1888	11	3	0.04	0.03	0.14	0.27	0.32	0.1	0.35	0.34	0.6	0
1888	11	4	0	0	0	0	0	0	0	0	0	0
1888	11	5	0	0	0	0	0	0	0	0	0	0
1888	11	6	0.01	0	0	0	0	0	0.76	0	0.44	0.18
1888	11	7	0	0	0	0	0.06	0	0	0	0	0
1888	11	8	0.1	0.01	0	0	0.26	0.44	0.15	1.18	0.25	0
1888	11	9	0.31	0.17	0.55	0	0.09	0.44	1.24	0	0.75	0.7
1888	11	10	1.44	1.14	0.66	0	0.57	0.44	1.14	0.45	0.72	0.97
1888	11	11	0	0.02	0.03	1.58	0.08	0	0	0	0	0
1888	11	12	0	0	0	0	0	0	0	0	0.04	0
1888	11	13	0	0	0	0	0	0	0	0	0	0
1888	11	14	0	0	0	0	0	0	0	0	0	0
1888	11	15	1.21	0.47	0.55	0	0.84	0.81	0.05	0.6	0.16	0
1888	11	16	0.01	0	0.16	0.51	0.06	0.02	0.02	0	0.06	0
1888	11	17	0	0.11	0.36	0.33	0	0	0	0	0.03	0.6
1888	11	18	0	0	0	0	0	0	0	0	0	0
1888	11	19	0.5	0.3	0.9	0.7	0.18	0.55	0.65	0.78	0.1	0.21
1888	11	20	0	0.04	0.01	0	0	0	0	0	0	0
1888	11	21	0	0	0	0	0	0	0	0	0	0
1888	11	22	0	0	0	0.07	0	0	0.03	0	0.03	0
1888	11	23	0	0	0	0	0	0	0	0	0	0
1888	11	24	0	0	0	0	0	0	0	0	0	0
1888	11	25	0.12	0.38	0.2	0	0.46	0.78	0.05	0	0.06	0.21
1888	11	26	0.28	1.42	1.59	0	0.56	0.25	0.71	1.23	0.2	0
1888	11	27	0.01	0.72	1.53	0	0.7	0.26	0.46	0	0.03	0.4
1888	11	28	0	0.01	0.75	2.47	0.08	0	0.08	0.7	0.12	0.01
1888	11	29	0	0.14	0.01	0	0.22	0.06	0.06	0	0	0

1888	11	30	0.01	0.01	0.02	0.05	0	0	0.04	0	0	0
1888	12	1	0	0	0	0	0	0.01	0.07	0	0	0
1888	12	2	0	0	0	0	0	0	0	0	0	0
1888	12	3	0	0	0	0	0	0	0	0	0	0
1888	12	4	0	0	0	0	0.14	0	0.06	0	0.01	0
1888	12	5	0	0	0	0	0	0.02	0.17	0	0.01	0
1888	12	6	0.06	0.01	0	0.02	0	0.01	0	0	0.01	0
1888	12	7	0	0	0	0	0	0	0	0	0	0
1888	12	8	0	0	0	0	0	0	0	0	0	0
1888	12	9	0.26	0.42	0.15	0	0.4	0.35	0	0.17	0	0
1888	12	10	0	0.02	0	0.06	0	0	0	0	0	0
1888	12	11	0.31	0.68	0.63	0	0	0.26	0	0.18	0	0
1888	12	12	0	0.04	0.62	1.29	0	0	0	0	0	0
1888	12	13	0	0	0	0	0	0	0	0	0	0
1888	12	14	0	0	0	0	0	0	0.05	0	0.01	0
1888	12	15	0	0	0	0	0	0	0.03	0	0	0
1888	12	16	0	0	0	0	0	0	0.23	0	0.01	0
1888	12	17	2.28	2.24	1.09	0	1.3	2.12	0.58	0.38	0	1.94
1888	12	18	0.05	0.74	1.75	1.99	1.08	0.3	0.56	0.81	0.3	0
1888	12	19	0	0	0	0.02	0	0	0.01	0	0.54	0
1888	12	20	0	0	0	0	0	0	0	0	0	0
1888	12	21	0	0	0	0	0.04	0	0.44	0	0.11	0.14
1888	12	22	0	0	0	0	0	0	0	0	0	0
1888	12	23	0	0	0	0	0	0	0	0	0	0
1888	12	24	0	0	0	0	0	0	0	0	0.01	0
1888	12	25	0	0	0	0	0	0	0.26	0	0	0
1888	12	26	0.04	0	0	0	0	0	0.02	0	0	0
1888	12	27	0.37	0.21	0.44	0.82	0.34	0.45	0.72	0.23	0.62	1.47
1888	12	28	0	0.02	0.02	0	0	0	0	0	0	0
1888	12	29	0	0	0	0	0	0	0.01	0	0	0
1888	12	30	0	0	0	0	0	0	0.01	0	0	0
1888	12	31	0.05	0	0.01	0	0	0	0.11	0	0	0
1889	1	1	0	0	0	0	0	0	0.02	0	0	0
1889	1	2	0	0	0	0	0	0	0.09	0	0.04	0
1889	1	3	0	0	0.07	0	0	0	0.02	0	0	0
1889	1	4	0	0	0	0	0	0	0	0	0	0
1889	1	5	0.35	0	0	0	0	0	0	0	0	0
1889	1	6	0.87	1.76	0.04	0	0.7	0.2	0.15	0.32	0.25	0.27
1889	1	7	0.11	0.9	0.73	1.26	0.34	0.43	0.79	0.8	0.65	0.96
1889	1	8	0	0.02	0	0	0	0	0.03	0	0	0
1889	1	9	0.59	0.2	0.42	1.25	0.22	0.38	0.99	1	0.53	0.57
1889	1	10	0	0.01	0.08	0	0.06	0	0.16	0	0	0
1889	1	11	0	0	0	0	0	0	0.02	0	0.01	0

1889	1	12	0	0	0	0	0	0	0	0	0	0
1889	1	13	0	0	0	0	0	0	0	0	0.02	0
1889	1	14	0	0	0	0	0	0	0	0	0	0
1889	1	15	0	0	0	0	0	0	0	0	0	0
1889	1	16	0.04	0	0	0	0	0	0.01	0	0	0
1889	1	17	0.68	0.35	1.04	0.87	0.02	0.9	0.22	0.93	0.04	0.28
1889	1	18	0	0	0	0	0	0	0	0	0	0
1889	1	19	0	0	0	0	0	0	0.02	0	0.04	0
1889	1	20	0.4	0	0	0	0.02	0	0.2	0	0	0
1889	1	21	1.36	0.38	0.77	1.09	0.76	1.2	1.83	0.8	0.82	0.6
1889	1	22	0	0	0	0	0	0	0	0	0	0
1889	1	23	0	0	0	0	0	0	0	0	0	0
1889	1	24	0.01	0	0	0	0	0	0.05	0	0	0
1889	1	25	0	0	0	0	0	0	0	0	0	0
1889	1	26	0	0	0	0	0	0	0	0	0	0
1889	1	27	0.56	0.39	0.15	0	0.61	0.7	0.41	0	0.54	0.8
1889	1	28	0	0.1	0.11	0.47	0.05	0	0.5	0.35	0.38	0
1889	1	29	0	0	0	0	0.04	0	0.18	0	0.16	0.11
1889	1	30	0	0	0	0	0	0	0	0	0	0
1889	1	31	0	0	0.06	0.26	0	0.01	0.24	0.09	0.09	0
1889	2	1	0	0.02	0.06	0.08	0.02	0	0	0.06	0	0
1889	2	2	0	0	0	0	0	0	0.04	0	0.06	0
1889	2	3	0	0	0.02	0.15	0.04	0.05	0.01	0	0.04	0.2
1889	2	4	0	0	0.01	0	0	0	0	0	0	0
1889	2	5	0.01	0.4	1.11	0	0.08	0.17	1.12	0.2	0.2	0
1889	2	6	0.2	0.02	0.39	0	0.4	0.17	0.48	0.63	0.57	0.57
1889	2	7	0	0	0	0	0	0	0.13	0	0.09	0
1889	2	8	0.05	0	0.02	0	0	0	0.12	0.05	0	0
1889	2	9	0	0.12	0.15	0.08	0.1	0.05	0.06	0	0	0
1889	2	10	0	0	0.18	0.12	0	0	0.02	0	0.09	0
1889	2	11	0.03	0.03	0.01	0	0.01	0.2	0.01	0.4	0	0
1889	2	12	0	0.21	0.13	0.25	0.06	0.2	0.5	0.22	0.22	0
1889	2	13	0	0	0	0	0	0	0.16	0	0.02	0.53
1889	2	14	0	0	0	0	0	0	0	0	0	0
1889	2	15	0	0	0	0	0	0	0	0	0	0
1889	2	16	1.17	0	0	0	0.16	0	0.12	0	0.01	0
1889	2	17	0.56	0.32	0.43	0.36	0.3	0.15	0.18	0.33	0	0.2
1889	2	18	0	0.37	0.23	0	0.38	0.7	0.33	0.8	0.07	0
1889	2	19	0	0.03	0	0.8	0	0	0.06	0	0.02	0
1889	2	20	0	0	0	0	0	0	0	0	0.01	0.04
1889	2	21	0	0	0	0	0	0	0	0	0	0
1889	2	22	0	0	0	0	0	0	0.14	0	0.16	0
1889	2	23	0	0	0	0	0	0	0	0	0	0

1889	2	24	0	0	0	0	0	0	0	0	0	0
1889	2	25	0.03	0.01	0	0	0.02	0	0	0	0	0.01
1889	2	26	0.03	0	0	0	0	0	0	0	0	0
1889	2	27	0.13	0	0	0	0.23	0.09	0.04	0.17	0.03	0
1889	2	28	0	0.01	0	0	0.01	0	0	0	0	0.3
1889	3	1	0	0.32	0	0	0	0	0	0	0	0
1889	3	2	0	0.25	0	0	0	0	0	0	0	0
1889	3	3	0.12	0.07	0	0	0.01	0	0	0	0	0
1889	3	4	0.6	0	0	0	0	0	0	0	0	0
1889	3	5	0.06	0	0.78	0	0.14	0	0	0.75	0.01	0
1889	3	6	0	0	0.76	0	0.01	0.6	0.53	0	0.55	0
1889	3	7	0	0	0.34	1.81	0.02	0.6	0.68	0	0.75	0
1889	3	8	0	0	0.07	0	0.07	0.6	0.16	0	0.07	0
1889	3	9	0	0	0.09	0.01	0.12	0	0.01	0	0.2	2.11
1889	3	10	0	0	0	0	0.02	0	0.03	0	0.1	0
1889	3	11	0	0	0	0	0	0	0	0	0	0
1889	3	12	0	0	0	0	0	0	0.04	0	0	0
1889	3	13	0	0	0	0	0	0	0.03	0	0	0
1889	3	14	0	0	0	0	0	0	0	0	0	0
1889	3	15	0	0	0	0	0	0	0	0	0	0
1889	3	16	0.19	0.02	0	0	0	0	0	0	0	0
1889	3	17	0.16	0.19	0.12	0	0.67	0.12	0.17	0.08	0.1	0.45
1889	3	18	0	0	0.09	0	0.01	0.02	0.19	0.23	0.22	0.03
1889	3	19	0	0.01	0	0	0	0.02	0	0	0	0
1889	3	20	0.16	0	0	0	0	0	0	0	0	0
1889	3	21	1	0	0	0	0.1	0	0	0	0	0
1889	3	22	0	0	0	0	0	0	0	0	0	0
1889	3	23	0	0	0	0	0	0	0	0	0	0
1889	3	24	0	0	0	0	0	0	0.07	0	0.03	0
1889	3	25	0	0	0	0	0	0	0	0	0	0
1889	3	26	0	0	0	0	0	0	0	0	0	0
1889	3	27	0.01	0	0	0	0	0	0.1	0	0.02	0
1889	3	28	0.02	0.12	0.2	0.62	0.17	0.19	0.03	0.22	0.14	0
1889	3	29	0	0	0	0	0.02	0.06	0.11	0	0.02	0
1889	3	30	0.04	0.01	0.04	0.02	0.02	0	0	0	0	0.05
1889	3	31	0.28	0.2	0.19	0.3	0.38	0.3	0	0.32	0.14	0.6
1889	4	1	0.59	0.66	0.45	0	0.28	0.3	0	0.41	0.15	0
1889	4	2	0	0.32	0.12	0.7	0.14	0	0.01	0.13	0	0.24
1889	4	3	0.01	0.05	0.09	0	0.22	0.03	0	0.25	0.3	0
1889	4	4	0	0	0.09	0.32	0.02	0	0	0	0.06	0
1889	4	5	0	0	0	0	0	0	0	0	0	0
1889	4	6	0	0	0	0	0	0	0	0	0	0
1889	4	7	0	0	0	0	0	0	0	0	0	0

1889	4	8	0	0	0	0	0	0	0	0	0	0
1889	4	9	0	0	0	0	0	0	0	0	0	0
1889	4	10	0	0	0	0	0	0	0	0	0	0
1889	4	11	0	0	0	0	0	0	0	0	0	0
1889	4	12	0.43	0.04	0	0	0.02	0	0.09	0	0.02	0
1889	4	13	0.14	0.15	0	0	0	0	0	0	0	0
1889	4	14	0	0	0	0	0	0	0	0	0	0
1889	4	15	0	0	0	0	0	0	0	0	0	0
1889	4	16	0	0	0	0	0	0	0	0	0	0
1889	4	17	0.09	0.4	0	0	0	0	0	0	0	0
1889	4	18	0	0.17	0.04	0	0	0	0	0	0	0
1889	4	19	0	0	0	0	0	0	0.02	0	0	0
1889	4	20	0.04	0.05	0.07	0	0	0	0.04	0	0	0
1889	4	21	0	0.13	0	0	0	0	0.02	0	0	0
1889	4	22	0	0	0	0	0	0	0	0	0	0
1889	4	23	0	0	0	0	0	0	0	0	0	0
1889	4	24	0	0	0	0	0	0	0.01	0	0.01	0
1889	4	25	0.7	0	0	0	0	0.65	0.34	0	0.14	0.18
1889	4	26	1.88	0.47	0.19	0	0.26	0.75	0.51	0.15	0.1	0.37
1889	4	27	1.54	0.6	1.2	0	0.15	0.2	0.1	0.2	0.52	0
1889	4	28	0.04	0	0.14	0	0.13	0.02	0.58	0.36	0.09	0.22
1889	4	29	0.01	0.03	0	1.36	0.03	0.14	0.43	0.1	0.12	0.07
1889	4	30	0	0	0	0	0	0	0	0	0	0
1889	5	1	0	0	0	0	0	0	0.01	0	0	0
1889	5	2	0	0	0	0	0	0	0	0	0	0
1889	5	3	0	0	0.19	0.11	0.04	0.19	0.03	0.05	0.03	0
1889	5	4	0	0	0	0	0	0	0	0	0	0.02
1889	5	5	0	0	0	0	0	0	0	0	0	0
1889	5	6	0	0	0	0	0	0	0	0	0	0
1889	5	7	0	0	0	0	0	0	0	0	0	0
1889	5	8	0	0	0	0	0	0	0	0	0	0
1889	5	9	0	0	0	0	0	0	0	0	0	0
1889	5	10	0.15	0.08	0	0	0	0.02	0.1	0.11	0.51	0.03
1889	5	11	0.03	0.06	0	0	0.02	0.02	0	0	0	0
1889	5	12	0	0.02	0	0	0	0	0	0	0	0
1889	5	13	0.01	0.03	0	0	0.01	0.31	0	0	0	0
1889	5	14	0.02	0.04	0.08	0.02	0.27	0.2	0.27	0.32	0.49	0.3
1889	5	15	0	0	0	0	0	0	0	0	0	0
1889	5	16	0	0	0	0.02	0	0.12	0.23	0.05	0.27	0.27
1889	5	17	0	0	0	0	0	0	0	0	0	0
1889	5	18	0	0	0	0	0	0	0	0	0	0
1889	5	19	0.37	0	0	0	0	0	0	0	0	0
1889	5	20	0.58	0.59	0.38	0	1.82	0.52	0.76	0.4	0.4	1.27

1889	5	21	0.27	2.24	1.43	2.27	0.49	0.52	0.91	0.79	2.38	1.87
1889	5	22	0	0	0.02	0	0.03	0	0.03	0.18	0.01	0
1889	5	23	0	0.01	0	0	0	0	0	0	0.03	0
1889	5	24	0	0	0	0	0	0	0.15	0	0	0.02
1889	5	25	0	0.41	0	0.02	0.1	0	0.06	0.02	0	0
1889	5	26	0.65	0.22	0	0	0.24	0.13	0	0.04	0	0
1889	5	27	0.78	0.35	0.15	0	0.29	0.43	0.1	0	0.13	0.18
1889	5	28	0	0.07	0.37	0.03	0	0	0.25	0.25	0	0
1889	5	29	0	0	0	0	0	0	0	0	0	0
1889	5	30	0	0.02	0.03	0	0	0	0.05	0	0.01	0.01
1889	5	31	0.03	0.01	0	0.07	0.01	0	0.02	0	0.02	0
1889	6	1	0.44	0	0	0	0.3	0.2	0.33	0	0	1.08
1889	6	2	0	1.23	1.35	0	0.19	0.8	0.2	2.09	1.02	0
1889	6	3	0	0.05	0	0.92	0	0	0.08	0	0.01	0
1889	6	4	0	0.3	0.32	0	0.05	0	0.07	0	0	0
1889	6	5	0.21	0.6	0.02	0.7	0.1	0	0.43	0.1	0.54	0.6
1889	6	6	0	0	0	0.25	0.07	0	0.06	0.16	0.31	0.04
1889	6	7	0	0	0	0	0	0	0.11	0	0	0.16
1889	6	8	0	0.09	0.1	0.16	0.53	0.57	0.08	0.26	0.12	0.2
1889	6	9	0.04	0	0	0.5	0.01	0.02	0.97	0.33	1.22	0.47
1889	6	10	0	0.05	0.86	0.35	0.77	0.75	0.07	0.87	0.42	0.86
1889	6	11	0.61	0	0.02	0	0.2	0.08	0	0.05	0.11	0.05
1889	6	12	0.09	0	0	0	0	0	0	0	0	0
1889	6	13	0	0	0	0.15	0	0	0.06	0	0	0
1889	6	14	0	0	0	0	0	0	0	0	0	0
1889	6	15	0.74	0.04	0.3	0.16	0.41	0.61	0.73	0.16	0.11	0
1889	6	16	0	0	0	0	0.26	0	0.07	0	0	0.66
1889	6	17	0.22	0.3	0.1	0.25	1.24	0.28	0	0.26	0.38	0
1889	6	18	0	0	0	0	0	0	0	0	0	0
1889	6	19	0	0	0	0	0	0	0	0	0.08	0
1889	6	20	0	0	0	0	0.01	0	0.04	0	0	0
1889	6	21	0	0	0	0	0	0	0	0	0.01	0.14
1889	6	22	0	0	0.15	0.22	0.32	0.03	0	0	0.01	0
1889	6	23	0	0	0	0	0	0	0	0	0	0
1889	6	24	0	0	0	0	0	0	0	0	0	0
1889	6	25	0	0	0	0	0	0	0	0	0	0
1889	6	26	0.04	0	0	0	1.58	0.01	0.86	0.16	1.05	0
1889	6	27	0	0	0.04	0.52	0.39	0.01	0.36	0.04	0.85	0.76
1889	6	28	0	0	0	0	0	0.85	0	0.13	0.02	0.05
1889	6	29	0	0.11	0	0	0	0	0	0	0	0
1889	6	30	0	0	0	0	0	0	0	0	0	0
1889	7	1	0.05	0	0	0.05	0	0	0	0	0	0
1889	7	2	0.71	0.05	0.01	0	0.05	0	0	0	0	0

1889	7	3	0.24	0.48	0.02	0	0.07	0.34	0.1	0.68	0.36	0.45
1889	7	4	1	0.1	0.05	0	0.44	0.13	1.03	0.08	0.71	0.46
1889	7	5	0	0	0	0	0	0	0	0	0	0
1889	7	6	0	0	0	0	0	0	0	0	0	0
1889	7	7	0	0	0	0	0	0.01	0.03	0	0.03	0.09
1889	7	8	0	0	0.04	0	0	0	0.02	0	0	0.1
1889	7	9	0	0	0	0	0.16	0	0.11	0	0.08	0.02
1889	7	10	0	0	0	0	0.01	0	0	0	0.09	1.35
1889	7	11	0.08	0.04	0.01	0	0.2	0.1	0.52	0.06	0.24	0.35
1889	7	12	0	0	0.01	0	0	0	0	0	0	0
1889	7	13	0	0	0	0	0.01	0	0.42	0	0.06	0
1889	7	14	0	0	0	0.28	0	0	0	0	0	0
1889	7	15	0.89	0.89	0.08	0	1.14	0.75	0.03	0.08	0.01	0
1889	7	16	0	0	0	0	0	0	0.36	0	0.51	0.52
1889	7	17	0	0.15	0.04	0	0	0.09	0	0	0	0
1889	7	18	0	0	0	0	0	0	0	0	0	0
1889	7	19	0.19	0	0	0	0.55	0.81	0.23	0	0.02	1.41
1889	7	20	1.97	0.68	1.39	1.39	0.71	0.81	2	1.87	0.86	0
1889	7	21	0	0	0	0	0.1	0	0	0	0	0
1889	7	22	0	0	0	0	0	0	0	0	0	0
1889	7	23	0.01	0.2	0.17	0.2	0.03	0.62	0.1	0.37	0.1	0
1889	7	24	0	0	0	0	0	0	0.04	0	0.18	0.02
1889	7	25	0	0	0	0	0	0	0	0	0.02	0.03
1889	7	26	0.01	0	0	0	0	0	0	0	0	0
1889	7	27	2.65	1.75	0.32	0	0.12	0.45	0.78	0.47	0.25	0
1889	7	28	0.06	0.06	0.02	0.34	0.01	0	0.28	0.03	0	0
1889	7	29	0.05	0.49	0.08	0	0.18	0.1	0.97	0.58	0.1	0.51
1889	7	30	1.69	0.15	0.8	0	0.3	1.26	0.14	0.35	0.39	0.29
1889	7	31	2.29	0.76	0.06	0.7	0.11	0.16	0	0.1	0.08	0
1889	8	1	1.7	1.5	0.02	0.16	0.34	0.37	0.68	0.82	0.49	0
1889	8	2	0.03	0	0	0	0	0	0.11	0.02	0	0
1889	8	3	0.53	0.24	0	0.02	0.03	0.06	0.04	1.44	0	0.04
1889	8	4	0	0	0	0	0.22	0	0.13	0	0	0
1889	8	5	0.17	0.12	0.56	0	1.52	0.26	0.02	0.2	0.49	0.52
1889	8	6	0	0	0	0.3	0	0	0	0	0	0
1889	8	7	0.15	0	0.64	0	0	0	0	0	0.06	0
1889	8	8	0	0	0.02	0	0	0	0	0	0	0
1889	8	9	0.14	0	0	0.22	0.45	0.15	0.04	0	0.61	0.02
1889	8	10	0.23	0.22	0.36	0.6	0.3	0.03	0.26	0.2	0.5	0.51
1889	8	11	0	0	0	0	0	0	0	0	0	0
1889	8	12	0	0	0	0	0	0.07	0	0	0.07	0
1889	8	13	0	0.07	0	0	0.02	0	0	0	0	0
1889	8	14	1.1	1.48	0.99	0	0.43	0.58	0.63	0.28	0	0

1889	8	15	0	0	0.07	0.22	0.2	0.05	0.51	0.14	0.22	0.22
1889	8	16	0	0	0.02	0	0	0	0.06	0	0	0
1889	8	17	0	0	0	0.02	0	0	0	0	0	0
1889	8	18	0	0	0	0	0	0	0	0	0	0
1889	8	19	0	0	0	0	0	0	0	0.05	0	0
1889	8	20	0	0	0	0	0.02	0	0	0	0	0
1889	8	21	0	0	0	0	0	0	0.23	0.02	0.04	0
1889	8	22	0	0	0.06	0.06	0.1	0	0	0	0	0
1889	8	23	0.09	0.39	0	0	0	0	0.02	0	0	0
1889	8	24	0.13	0	0	0	0	0	0	0	0	0
1889	8	25	0	0	0.02	0	0	0	0	0	0	0
1889	8	26	0	0	0	0	0	0	0	0	0	0
1889	8	27	0	0	0	0	0	0	0	0	0	0
1889	8	28	0	0	0	0	0	0	0	0	0	0
1889	8	29	0	0	0	0	0	0	0	0	0	0
1889	8	30	0	0	0	0	0	0	0	0	0	0
1889	8	31	0	0	0	0	0	0	0	0	0	0
1889	9	1	0	0	0	0	0	0	0	0	0	0
1889	9	2	0	0	0	0	0	0	0	0	0	0
1889	9	3	0	0	0	0	0	0	0	0	0	0
1889	9	4	0	0	0	0	0	0	0	0	0	0
1889	9	5	0	0.01	0	0	0	0	0	0	0	0
1889	9	6	0.01	0	0	0	0	0.01	0.12	0.32	0.28	0.25
1889	9	7	0	0	0	0	0.88	0	0	0.52	0.01	0.04
1889	9	8	0	0	0	0	0	0	0	0	0.16	0
1889	9	9	0	0	0	0	0	0	0	0	0	0
1889	9	10	0.54	0	0	0	0	0	0	0	0	0
1889	9	11	0.55	0.3	0	0	0	0	0	0	0	0
1889	9	12	1.89	0.4	0	0	0.07	0	0	0	0	0
1889	9	13	1.48	0	0	0	0.17	0	0	0	0	0
1889	9	14	0.05	0.44	0	0	0.2	1.19	0	0.62	0	0
1889	9	15	0.01	0.05	0.07	0	0	0.25	0	0.13	0	0
1889	9	16	0.28	0.05	0	0.1	0.23	0.13	0.74	0	0.6	1.25
1889	9	17	0.94	0	0	0	0.72	0.27	0.85	0.78	0.67	0.5
1889	9	18	0.19	0.77	0.29	0	0.7	1.01	1.06	0.32	0.75	0.1
1889	9	19	0	0.74	1.57	1.53	0.17	0.65	0.54	0.97	0.98	0.42
1889	9	20	0.15	0	0	0	0.04	0.02	0.4	0	0	0
1889	9	21	0	0.26	0.04	0.11	0.3	0	0.4	0.27	0.61	0.35
1889	9	22	0	0	0	0	0	0	0	0	0	0
1889	9	23	0	0	0	0	0	0	0	0	0	0
1889	9	24	0.02	0	0	0	0	0	0	0	0	0
1889	9	25	0.6	0	0	0	0	0	0	0	0	0
1889	9	26	0.17	0.17	0.37	0	0.2	0.27	0.23	0.57	0.6	0.35

1889	9	27	0	0	0.15	0.8	0	0	0.05	0.03	0.06	0.05
1889	9	28	0	0	0	0	0	0	0.07	0	0.04	0
1889	9	29	0	0	0	0	0	0	0.09	0	0.01	0
1889	9	30	0.04	0	0	0.01	0	0.06	0.08	0.1	0.05	0.19
1889	10	1	0.23	0.31	0.65	0	0.62	0.41	0.42	0.89	0.19	0.9
1889	10	2	0	0	0	0	0	0.02	0.07	0.06	0.51	0.2
1889	10	3	0	0	0.03	1.31	0.03	0.07	0.39	0	0.07	0
1889	10	4	0	0.02	0	0	0	0	0.24	0.16	0	0.02
1889	10	5	0	0	0.15	0	0	0	0	0	0.12	0
1889	10	6	0.3	0	1.15	0	0.61	0.45	0.79	1.3	0.7	0.94
1889	10	7	0.02	0.63	0.03	2.01	0.02	0.63	0.33	0.71	0.5	0.33
1889	10	8	0	0	0	0	0	0	0.08	0	0	0
1889	10	9	0	0	0.15	0	0	0	0.04	0	0	0
1889	10	10	0.01	0	0	0.25	0.05	0.17	0	0	0.09	0.15
1889	10	11	0	0	0	0	0	0	0	0	0	0
1889	10	12	0.25	0	0	0	0.21	0.15	0	0	0	0
1889	10	13	0.31	1.12	0	0	0.41	0.45	0	0	0	0
1889	10	14	0.4	0.14	0	0	0	0	0	0	0	0
1889	10	15	0.01	0.1	0	0	0	0	0	0	0	0
1889	10	16	0	0	0	0	0	0	0	0	0	0
1889	10	17	0	0	0	0	0	0	0	0	0	0
1889	10	18	0	0	0	0	0	0	0	0	0	0
1889	10	19	0	0	0	0	0	0	0	0	0	0.3
1889	10	20	0	0	0	0	0	0	0	0	0	0
1889	10	21	0.2	0.05	0	0	0	0	0	0	0	0
1889	10	22	0	0	0	0	0	0	0	0	0	0
1889	10	23	0	0	0	0	0.02	0	0	0	0	0
1889	10	24	0	0	0	0	0	0	0	0	0	0
1889	10	25	0	0	0	0	0	0	0	0	0	0
1889	10	26	0.06	0	0.01	0	0	0	0	0	0	0
1889	10	27	0.69	0.5	0.33	0	0.72	1.1	0.55	0.25	0.52	0
1889	10	28	0.02	0.4	0.96	0	0.46	0.6	0	0.77	0.35	0.24
1889	10	29	0	0.04	0.01	0	0.02	0.16	0.04	0	0.27	0.28
1889	10	30	0	0	0	1.02	0	0	0	0	0	0
1889	10	31	0.11	0	0	0	0.31	0	0	0	0	0
1889	11	1	0	0.15	0	0	0	0.18	0	0	0	0
1889	11	2	0.07	0	0	0	0	0.05	0.07	0	0.06	0
1889	11	3	0.5	0.38	0.69	0.48	0.91	0.62	0.13	1.73	0.48	1.22
1889	11	4	0	0	0	0	0	0	0	0	0	0
1889	11	5	0	0	0	0	0	0	0	0	0	0
1889	11	6	0	0	0	0	0	0	0	0	0	0
1889	11	7	0	0	0	0	0	0	0	0	0	0
1889	11	8	0.1	0.02	0	0	0	0	0	0	0	0

1889	11	9	3.65	0.39	0.01	0	0.05	0.01	0	0	0	0
1889	11	10	0.03	0	0.36	0.26	0.04	0	0	0.06	0	0
1889	11	11	0.02	0	0	0	0.04	0.07	0	0.07	0.03	0.14
1889	11	12	0	0.02	0.02	0.05	0.02	0	0	0	0	0
1889	11	13	0.61	0.3	0.6	0	0.54	0.24	0.02	0.19	0.07	0
1889	11	14	0	0.25	0.49	1.36	0.24	0	0.07	0.04	0.08	0
1889	11	15	0	0	0	0	0.02	0	0.06	0	0	0
1889	11	16	0	0	0	0	0	0	0	0	0	0
1889	11	17	0	0	0	0	0	0	0	0	0	0
1889	11	18	0	0	0	0	0.06	0	0	0	0	0
1889	11	19	1.06	0.45	0	0	0.3	0.39	0.01	0	0.39	0
1889	11	20	0.01	0.85	1.92	1.4	0.11	0.48	0.96	0.44	0.55	0
1889	11	21	0.5	0.1	0.07	0	0.72	0.3	0.13	0.1	0.15	0
1889	11	22	0	0.3	0.39	0.37	0.34	0.31	0.24	0.45	0.28	0.8
1889	11	23	0	0	0	0	0.03	0	0.02	0	0.03	0
1889	11	24	0.01	0	0	0	0	0	0.03	0	0	0
1889	11	25	0.35	0	0	0	0	0	0	0	0	0
1889	11	26	0	0	0	0	0	0	0.75	0	0	0
1889	11	27	2.15	0.07	0.07	0	0.2	0.3	0.71	0	0.14	0.1
1889	11	28	0.94	1.63	3.33	1.52	1.38	2.03	0.04	1.58	0.18	1.62
1889	11	29	0	0	0	0	0	0	0	0	0.02	0
1889	11	30	0	0	0	0	0	0	0	0	0	0
1889	12	1	0	0	0	0	0	0	0	0	0	0
1889	12	2	0	0	0	0	0	0	0.01	0	0	0
1889	12	3	0.08	0.04	0	0	0.01	0	0.02	0	0	0
1889	12	4	0	0	0	0	0	0	0	0	0.01	0
1889	12	5	0.02	0.05	0.09	0.26	0	0.16	0.1	0.23	0.01	0
1889	12	6	0	0.04	0.07	0.23	0.01	0	0.12	0	0	0
1889	12	7	0	0	0	0	0	0	0	0	0	0.69
1889	12	8	0.34	0	0	1.18	0.12	0.4	0.41	1.48	0.03	0
1889	12	9	0.03	0.25	0.81	0.4	0.2	0.4	0.41	0	0.19	0.25
1889	12	10	0	0	0	0	0	0	0.02	0.71	0	0
1889	12	11	0.19	0.22	0.57	0	0.44	0.48	0.55	0	0.13	0
1889	12	12	0	0	0	0	0	0	0	0	0	0
1889	12	13	0	0	0	0	0	0	0.05	0	0	0
1889	12	14	0.74	0.2	0.1	0	0.58	0.42	0.01	0.2	0.13	0.1
1889	12	15	0	0.02	0	0	0.02	0	0.14	0	0	0
1889	12	16	0	0	0	0	0	0	0	0	0	0
1889	12	17	0.12	0	0	0	0	0	0.02	0	0	0
1889	12	18	0.16	0.05	0.08	0	0	0.3	0.12	0	0	0.38
1889	12	19	0.01	0.37	2.14	2.06	0.12	0.53	0.58	0.83	0.18	0
1889	12	20	0	0	0	0	0	0.01	0.64	0.05	0	0
1889	12	21	0	0	0.02	0	0.12	0	0.14	0	0	0

1889	12	22	0	0.18	0.26	0.48	0.15	0.32	0.38	0.48	0.02	0
1889	12	23	0	0	0	0	0	0	0	0	0	0
1889	12	24	0	0	0	0	0.06	0.2	0.17	0	0.05	0
1889	12	25	0	0.35	0.46	0.3	0.23	0.45	0.01	0.68	0.55	0.71
1889	12	26	0.23	0.02	0.08	0.23	0.04	0.04	0.34	0.15	0.15	0.15
1889	12	27	0	0	0	0	0.02	0	0	0	0.03	0
1889	12	28	0	0	0	0	0	0	0.01	0	0	0
1889	12	29	0	0	0.19	0	0	0.17	0.26	0	0	0.02
1889	12	30	0	0.04	0.09	0.37	0.02	0	0	0.28	0	0
1889	12	31	0	0	0	0	0	0	0	0	0	0
1890	1	1	0	0	0	0	0	0.01	0.28	0	0.01	0
1890	1	2	0	0	0.05	0.2	0.02	0.01	0.17	0.04	0.07	0
1890	1	3	0	0	0	0	0	0	0	0	0	0
1890	1	4	0	0	0	0	0	0	0.02	0	0	0
1890	1	5	0.11	0.12	0.02	0	0.34	0.03	0.66	0	0.07	0.37
1890	1	6	0	0.01	0.34	0.35	0.05	0.2	0.41	0.2	0.3	0
1890	1	7	0	0	0	0	0.01	0	0	0	0	0
1890	1	8	0	0	0	0.09	0	0	0.23	0	0.08	0
1890	1	9	0	0	0	0	0	0	0	0	0	0
1890	1	10	0.03	0.08	0.1	0	0.18	0.05	0	0.11	0.1	0.02
1890	1	11	0.01	0.26	0.28	0	0.3	0.77	0.64	0	0.3	0.03
1890	1	12	0	0.04	0.1	0.46	0.34	0	0.01	0	0.01	0
1890	1	13	0	0.02	0.2	0.15	0.15	0	0.55	1	0.13	1.06
1890	1	14	0	0	0	0	0	0	0	0	0	0
1890	1	15	1.26	0.32	0.55	0	0.5	0.4	0.29	1.11	0.23	0
1890	1	16	0.25	0.38	0.61	1.35	0.15	0.4	0.67	0	0.35	0.89
1890	1	17	0	0	0	0	0.01	0	0.03	0.82	0	0
1890	1	18	0	0	0	0	0	0	0.03	0	0	0
1890	1	19	0	0	0	0	0	0	0	0	0	0
1890	1	20	0.11	0.02	0.34	0.35	0.05	0.42	0.28	0.1	0	0.41
1890	1	21	0	0	0	0	0	0	0.2	0	0.01	0
1890	1	22	0	0	0	0.08	0	0	0	0	0	0
1890	1	23	0	0.05	0.07	0	0.02	0.04	0.15	0	0.12	0.1
1890	1	24	0	0	0.06	0	0.02	0	0	0	0.06	0
1890	1	25	0	0	0	0	0	0	0.1	0	0	0
1890	1	26	0	0	0	0	0	0	0	0	0	0
1890	1	27	0.16	0.49	0.15	0.15	0.06	0.41	0.01	0.84	0.18	0
1890	1	28	0	0	0	0	0.02	0	0.01	0	0	0.3
1890	1	29	0.03	0	0	0	0	0	0	0	0	0
1890	1	30	0.33	0.2	0.01	0	0.06	0	0	0	0	0
1890	1	31	0	0.01	0.01	0	0	0.14	0.02	0	0.03	0
1890	2	1	0	0	0	0	0	0	0	0.12	0	0.2
1890	2	2	0.03	0	0	0	0	0	0	0	0	0

1890	2	3	0.01	0.08	0.09	0.08	0.02	0.1	0.12	0.1	0	0
1890	2	4	0.09	0.05	0.12	0	0.22	0.08	0.31	0	0.04	0
1890	2	5	0	0.05	0.19	0.25	0.06	0.04	0.21	0.22	0.21	1.64
1890	2	6	0	0	0	0	0	0	0	0	0	0
1890	2	7	0.31	0	0	0	0	0	0.17	0	0	0
1890	2	8	0.91	0.47	1.54	1.41	0.88	1.25	0.95	1.47	0.56	1.08
1890	2	9	0	0.02	0.04	0	0.02	0	0	0	0	0
1890	2	10	0	0.04	0	0	0.02	0	0	0	0	0
1890	2	11	0	0	0	0	0.02	0	0	0	0	0
1890	2	12	0	0	0	0	0.02	0	0.2	0	0	0
1890	2	13	0	0	0	0	0	0	0	0	0	0
1890	2	14	0.67	0.15	0.05	0	0.16	0.23	1.08	0	0.02	0.22
1890	2	15	0	0.03	0.07	0.1	0.02	0	0.2	0.19	0.17	0
1890	2	16	0	0	0	0	0	0	0.16	0	0	0
1890	2	17	0	0	0.01	0	0	0	0.1	0	0.16	0
1890	2	18	0.01	0.18	0.29	0	0.18	0.41	0.43	1	0.24	0.63
1890	2	19	0	0	0.1	0.43	0.2	0.31	0.03	0	0	0
1890	2	20	0.87	0.69	0.75	0.62	0.34	0.52	0.53	0	0.17	0.11
1890	2	21	0	0	0	0	0	0	0	0	0	0
1890	2	22	0	0	0	0	0	0	0	0	0	0
1890	2	23	0	0	0	0	0	0	0.1	0	0	0
1890	2	24	0.16	0.01	0.15	0	0.04	0.04	0.04	0.87	0	0
1890	2	25	0	0.4	0.14	0	0.2	0.46	0.11	0	0.09	0.47
1890	2	26	0	0.08	0.39	0.89	0.02	0.46	0.06	0	0.16	0
1890	2	27	0	0	0.01	0	0	0	0.01	0	0.12	0.21
1890	2	28	0.35	0.04	0.1	0	0.1	0.3	0.78	0	0.04	0.24
1890	3	1	0.23	0.35	0.45	0.3	0.03	0.05	0	0.75	0	0
1890	3	2	0.16	0.12	0.18	0	0	0.03	0	0	0	0
1890	3	3	0.1	0.8	1.06	0.85	0	0.55	0	0.18	0	0
1890	3	4	0	0	0.01	0	0	0	0	0	0	0
1890	3	5	0	0	0.14	0.75	0.02	0.08	0	1.04	0.08	0
1890	3	6	0.47	0.4	0.64	0.59	0.9	1.02	0	0	0.07	0.63
1890	3	7	0	0	0	0	0	0	0	0	0	0
1890	3	8	0	0	0	0	0	0	0	0	0	0
1890	3	9	0	0	0	0	0	0	0	0	0	0
1890	3	10	0	0	0	0	0	0	0	0	0	0
1890	3	11	0.29	0.04	0.04	0	0.1	0.03	0.07	0	0.03	0
1890	3	12	0	0.01	0.02	0	0.05	0	0.2	0	0.05	0
1890	3	13	0.03	0	0.09	0	0.05	0.02	0.03	0	0.21	0.54
1890	3	14	0.47	0.5	0.56	0	0.22	0.6	0	0.99	0	0.36
1890	3	15	0.56	0.64	0.66	0	0.16	0.56	0	0	0.05	0.07
1890	3	16	0	0.02	0.03	0.9	0.03	0	0	0	0.01	0
1890	3	17	0	0	0	0	0	0	0	0	0	0

1890	3	18	0	0	0	0	0	0	0.01	0	0	0
1890	3	19	0.6	0.5	0	0	0.15	0.04	0	0	0.1	0
1890	3	20	0	0	0	0	0	0	0	0	0	0
1890	3	21	0.08	0.01	0.17	0.5	0.17	0.11	0.19	1.3	0.25	0.14
1890	3	22	1.14	0.53	0.5	0	0.82	1.35	0	0	0	0
1890	3	23	0.09	0.69	0.74	0.53	0.3	0	0	0	0.16	0.56
1890	3	24	0	0	0	0	0	0	0	0	0	0
1890	3	25	0.15	0	0	0	0.12	0.4	0.07	0	0	0.43
1890	3	26	0.01	0.33	0.42	0.39	0.11	0	0.05	0.47	0	0
1890	3	27	0	0	0	0	0.01	0	0	0	0	0
1890	3	28	0.88	0.89	0.28	0	0.46	0.53	0.45	0.91	0.25	0
1890	3	29	0	0.04	0.13	0.31	0.02	0.3	0.4	0	0.5	0
1890	3	30	0.04	0.01	0.12	0	0	0	0.18	0	0.35	0.91
1890	3	31	0.2	0	0	0	0	0	0	0	0	0
1890	4	1	0.01	0.04	0	0	0	0	0	0	0	0
1890	4	2	0	0	0	0	0	0	0	0	0	0
1890	4	3	0	0	0	0	0	0	0	0	0	0
1890	4	4	0.56	0.11	0.26	0.22	0.54	0.33	0.65	0.39	0	0.56
1890	4	5	0	0.01	0.15	0	0.04	0	0	0	0	0
1890	4	6	0	0	0	0	0	0	0.02	0	0	0
1890	4	7	0.14	0.38	0.46	0.15	0.27	0.34	0	0.41	0.4	0.66
1890	4	8	0.07	0.1	0	0	0.05	0.15	0.06	0	0	0.05
1890	4	9	0.33	0.63	0.7	0	0.09	0.39	0.15	0.51	0.32	0
1890	4	10	0	0.02	0.04	0.68	0	0	0	0	0	0
1890	4	11	0	0	0	0	0	0	0	0	0	0
1890	4	12	0	0	0	0	0	0	0	0	0	0
1890	4	13	0.07	0	0	0	0	0	0	0	0	0
1890	4	14	0	0	0	0	0	0.03	0.05	0	0	0
1890	4	15	0	0.01	0.01	0	0	0	0	0	0	0
1890	4	16	0	0	0	0	0	0	0	0	0	0
1890	4	17	0	0	0	0	0	0	0	0	0	0
1890	4	18	0	0	0	0	0	0	0	0	0	0
1890	4	19	0	0	0	0	0	0	0	0	0	0.01
1890	4	20	0	0	0	0	0	0	0	0	0	0
1890	4	21	0	0	0	0	0	0	0.12	0	0	0
1890	4	22	0	0	0	0	0	0	0	0	0	0
1890	4	23	0	0	0	0	0	0	0	0	0	0
1890	4	24	0.1	0.01	0	0	0.01	0	0	0	0.07	0
1890	4	25	0.25	0.08	0	0	0.1	0	0	0	0	0
1890	4	26	0.22	0	0	0	0.13	0	0.02	0	0	0
1890	4	27	0.1	0.85	0.87	0.46	0.13	0.62	0.41	0.5	1	0.96
1890	4	28	0	0.05	0.01	0	0.28	0	0	0	0.1	0
1890	4	29	0	0	0	0	0	0	0.31	0	0	0

1890	4	30	0	0	0.01	0	0	0.02	0.32	0	0.04	0
1890	5	1	0.27	0.05	0.3	0.45	0.21	0.1	0	0.31	0	0
1890	5	2	0	0.11	0	0	0	0	0	0	0.04	0
1890	5	3	0	0	0	0	0	0.01	0	0	0	0
1890	5	4	0.41	0.2	0.21	0	0.23	0.02	0.64	0	0.66	0
1890	5	5	0.15	0.62	1.46	0	0.81	0.82	0.2	1.3	0.73	1.56
1890	5	6	0.45	0.85	0.48	0	0.44	0.53	0.86	0	0.68	0
1890	5	7	0	0.04	0	2.7	0	0	0.22	0.45	0.02	0
1890	5	8	0.16	0.25	0.18	0.25	0	0.05	0	0	0	0
1890	5	9	0	0.05	0.04	0	0	0	0	0	0	0.21
1890	5	10	0	0	0.26	0.42	0.09	0.15	0.18	0.53	0.58	0.25
1890	5	11	0.09	0.23	0.03	0	0.11	0.23	0.09	0	0.03	0
1890	5	12	0	0	0	0	0	0	0	0	0	0
1890	5	13	0.23	0	0	0	0.04	0.01	0	0	0.07	0.44
1890	5	14	0.3	0.01	0.05	0.1	0.61	0.55	0.13	0.65	0.82	0.81
1890	5	15	0.08	0.65	0.35	0	0.01	0.1	0.09	0	0.05	0
1890	5	16	0.16	0	0.32	0.4	0.09	0	0	0	0.03	0.1
1890	5	17	0	0	0.02	0	0	0.02	0.21	0.03	0.14	0.13
1890	5	18	0	0	0	0	0	0	0	0	0	0
1890	5	19	0.03	0	0	0	0.62	0	0.18	0	0.35	0.39
1890	5	20	0.37	0.28	0.21	0.49	0.84	0.35	1.31	0.5	1.46	0.99
1890	5	21	0	0	0	0	0	0	0	0	0	0
1890	5	22	0	0	0	0	0	0	0	0	0	0
1890	5	23	0	0	0	0	0	0	0.02	0	0	0
1890	5	24	0	0	0	0	0.01	0	0	0	0	0
1890	5	25	0	0	0	0	0	0	0	0	0	0
1890	5	26	0.29	0.01	0.1	0	0.75	1.02	0.05	0	0.1	0
1890	5	27	0.45	1.02	1.93	0	0.33	1.01	0.44	2.01	0.3	0.52
1890	5	28	0	0.11	0.15	0	0	0.08	0.2	0	0.06	0.09
1890	5	29	0	0	0.01	2.5	0	0	0	0	0	0
1890	5	30	0.01	0	0	0.53	0	0	0	0	0	0
1890	5	31	0	0	0	0	0	0	0	0	0	0
1890	6	1	0	0	0	0	0	0	0	0	0	0
1890	6	2	0	0	0	0	0	0	0	0	0	0
1890	6	3	0	0	0	0	0	0	0	0	0	0
1890	6	4	0.17	0.26	0.7	0.83	0.2	0.15	0.89	0.35	0.83	0.11
1890	6	5	0.06	0	0.14	0.03	1.42	1.13	0.22	0	0.7	1.02
1890	6	6	1.54	0.14	0	0	0.44	0.14	0.05	0	0.06	0.9
1890	6	7	0	0.33	0.1	0.65	0.02	0.09	0.05	0	0.32	0
1890	6	8	0	0	0	0	0	0	0	0	0	0
1890	6	9	0	0	0	0	0	0	0	0	0	0
1890	6	10	0	0	0	0	0	0	0	0	0	0
1890	6	11	0.05	0.2	0	0	0.09	0	0	0	0.09	0

1890	6	12	0.59	0.13	0.73	0	0.01	0.31	0.25	1.09	0.05	0
1890	6	13	0	0.99	1.32	1.72	0.04	0.6	0.25	0	0.17	0
1890	6	14	0.96	0.03	0.04	0.11	0.19	0.05	0.08	0	0.01	0
1890	6	15	0	0	0	0	0.01	0.01	0	0	0	0
1890	6	16	0	0	0	0	0	0	0	0	0	0
1890	6	17	0	0	0	0	0	0	0.11	0	0	0
1890	6	18	0	0	0	0	0	0	0	0	0	0
1890	6	19	0	0	0	0	0.24	0	0	0	0	0
1890	6	20	0	0	0	0	0	0	0	0	0	0
1890	6	21	1.02	0	0	0	0	0	0	0	0	0
1890	6	22	0.02	0	0	0	0	0	0	0	0	0
1890	6	23	0	0	0	0	0.01	0	0.32	0	0	0
1890	6	24	0	0	0.27	0	0	0	0.49	0.21	0.17	0.45
1890	6	25	0.26	0.13	0.88	0	0.04	0.08	0.01	0	0.17	0
1890	6	26	0	0	0.35	1.22	0.01	0	0	0	0	0
1890	6	27	0	0	0	0.08	0	0	0	0	0	0.02
1890	6	28	0	0	0	0	0	0	0	0	0	0
1890	6	29	0	0	0	0	0	0	0	0	0	0
1890	6	30	0	0	0	0	0	0	0	0	0	0
1890	7	1	0	0	0	0	0	0	0	0	0	0
1890	7	2	0.16	0	0	0	0.08	0.08	0.02	0	0.04	0
1890	7	3	0.48	0.03	0.23	0	0.15	0.48	0.63	1.54	0.43	0.25
1890	7	4	0.01	0.05	0.17	1.34	0.26	0.21	0	0	0	0
1890	7	5	0.02	0.01	0.27	0.05	0	0	0	0	0	0
1890	7	6	0	0	0	0	0	0	0.01	0	0	0
1890	7	7	0	0	0	0	0.1	0	0.06	0	0.07	0
1890	7	8	0	0	0	0	0.02	0	0.1	0	0.17	0.26
1890	7	9	0	0	0	0	0	0	0.03	0	0	0
1890	7	10	0	0	0	0	0	0	0	0	0	0
1890	7	11	0	0	0	0	0	0	0	0	0	0
1890	7	12	0	0	0	0	0	0	0	0	0	0
1890	7	13	0.08	0	0	0	0.05	0	0	0	0	0
1890	7	14	0	0	0	0	0	0	0	0	0	0
1890	7	15	0	0	0	0.15	0.17	0	0.54	0	0.15	0
1890	7	16	0	0	0	0	0	0	0	0	0.09	0
1890	7	17	0.71	0	0	0	0	0	0.13	0	0.07	0
1890	7	18	0	0	0	0	0	0	0	0	0	0
1890	7	19	0	0.07	0.23	0.5	0.08	0.05	0.33	0	0.89	0.18
1890	7	20	0.02	0.08	0	0.02	0	0.03	0	0.05	0.08	0
1890	7	21	0	0	0	0	0	0	0	0	0	0
1890	7	22	0	0	0	0	0	0	0	0	0	0
1890	7	23	0	0	0	0	0	0	0	0	0	0
1890	7	24	0	0	0	0	0.01	0.03	0.02	0	0	0

1890	7	25	1.41	0.48	1.43	0	0.7	2.1	0.28	2.11	0.23	0.6
1890	7	26	0.79	1.01	0.8	1.76	0.73	0.78	0.01	0	0.11	0.45
1890	7	27	0	0	0	0	0	0	0	0	0	0
1890	7	28	0	0	0	0	0	0	0	0	0	0
1890	7	29	0.81	0.07	0	0	0	0	0	0	0	0
1890	7	30	0	0	0	0	0.01	0	0.04	0	0	0
1890	7	31	0	0.13	0.45	0.05	0.01	0.22	0.58	0.3	1	0.57
1890	8	1	0	0.17	0	0	0.07	0	0	0	0	0
1890	8	2	0	0	0	0	0	0	0	0	0	0
1890	8	3	0.01	0	0	0	0	0	0.16	0	0	0
1890	8	4	0	0	0	0	0	0	0.37	0	0	0.04
1890	8	5	0	0	0	0	0	0	0.6	0	0	0
1890	8	6	0.02	0.2	0.01	0	0.18	0.2	0.3	0.23	0	0
1890	8	7	0	0	0	0	0	0	0	0	0	0
1890	8	8	0.01	0	0	0	0	0	0	0	0	0
1890	8	9	0.03	0.15	0.01	0	0.02	0	0.28	0	0	0
1890	8	10	0.21	0.07	0	0.1	0.17	0.01	0.01	0	0.02	0
1890	8	11	0	0.05	0	0	0	0	0	0	0.03	0
1890	8	12	0	0	0	0	0	0	0	0.05	0	0
1890	8	13	0	0	0	0	0	0	0	0	0	0
1890	8	14	0	0	0	0	0.04	0	0.02	0	0.09	0
1890	8	15	0	0	0.01	0	0	0	0	0	0	0
1890	8	16	0	0	0	0	0	0	0	0	0	0
1890	8	17	0.39	0	0.01	0.7	0.35	0.1	0.42	0	0.14	0.37
1890	8	18	0.39	0.35	0.15	0.36	0.19	0.11	0	0.32	0.05	0
1890	8	19	0.43	0	0	0	0	0.75	0.57	0	0	1.43
1890	8	20	0.55	0.54	0.93	1.02	0.74	0.21	0.04	1.09	2.2	0
1890	8	21	0.36	0	0	0	0.34	0.05	0.32	0	0.03	0.53
1890	8	22	0.81	0.06	0.49	0.46	1	0.08	0	1.48	0.65	0.05
1890	8	23	0.01	0.16	0.11	0.26	1.62	0.51	1.34	0	1.88	1.87
1890	8	24	0	0.19	0.05	0.09	0.01	0.04	0.83	0	0.39	0
1890	8	25	0	0	0	0	0	0	0	0	0	0
1890	8	26	0.05	0	0	0	0	0	0	0	0	0
1890	8	27	0.78	0.68	1.07	1.31	0.76	0.6	1.61	1.32	0.68	1.25
1890	8	28	0	0	0	0	0	0	0.2	0	0.05	0
1890	8	29	0	0	0	0	0	0	0	0	0	0
1890	8	30	0.32	0.08	0.15	0.73	0.17	0.9	0.87	0.9	0.42	0.45
1890	8	31	0	0	0	0.04	0	0	0.14	0	0.13	0.01
1890	9	1	0	0	0	0	0	0	0	0	0.04	0
1890	9	2	0	0	0	0	0	0	0	0	0	0
1890	9	3	0	0	0.11	0	0	0.04	0	0	0.01	0
1890	9	4	0	0	0.01	0	0	0	0	0	0	0
1890	9	5	0	0	0	0	0.6	0	0.02	0	0.01	0.16

1890	9	6	0.05	1.51	0	0	0.44	0.17	0	0	0	0.17
1890	9	7	0	0.11	0	0	0	0	0	0	0	0
1890	9	8	0	0	0	0	0	0	0.26	0	0	0
1890	9	9	0	0	0.14	0	0.01	0.19	0	0	0.47	0.02
1890	9	10	0	0.08	0.01	0	3.23	0.1	0	1.3	0.24	0.1
1890	9	11	0.38	0	0	0.43	0.06	0.02	0.27	0	0.25	0.95
1890	9	12	0.23	0.97	0.41	0	0.5	0.33	1.74	0	0.4	0.34
1890	9	13	0.09	0.61	0.69	0	1.43	0.58	0.62	0	1.47	0.6
1890	9	14	0.01	0.01	0.01	0	0.3	0.02	0	0	0.07	0
1890	9	15	0.42	0.12	0.61	0	0.33	0.6	0	0.63	0	0.1
1890	9	16	1.17	1.25	0.04	0.43	0.09	0.02	0.26	0	0.35	0
1890	9	17	1.62	0.13	1.01	1.2	1.49	0.33	0	2.26	0.14	0.3
1890	9	18	0	0.05	1.53	1	0.01	1.75	0	0	0.03	0
1890	9	19	0	0	0	0	0	0	0	0	0	0
1890	9	20	0	0	0	0	0.02	0	0.1	0	0	0
1890	9	21	0	0	0	0	0	0	0	0	0	0
1890	9	22	0	0	0	0	0	0	0	0	0	0
1890	9	23	0	0	0	0	0	0.03	0.03	0	0.05	0
1890	9	24	0	0	0	0	0	0	0	0	0	0
1890	9	25	0	0	0	0	0	0	0	0	0	0
1890	9	26	0.64	0.12	0.19	0	0.36	0.34	0.19	0	0	0.22
1890	9	27	0.02	0.08	0.12	0	0.03	0.13	0.08	0.48	0.27	0
1890	9	28	0	0	0	0	0.01	0	0	0	0.04	0
1890	9	29	0	0	0	0	0	0	0	0	0	0
1890	9	30	0	0	0	0	0	0	0	0	0	0
1890	10	1	0	0	0	0	0	0	0	0	0	0
1890	10	2	0	0	0	0	0	0	0	0	0	0
1890	10	3	1.55	0.24	0	0	0.03	0.1	0.07	0	0	0.1
1890	10	4	0	0.82	0.86	0	0.05	1.41	0.08	0.8	0.05	0
1890	10	5	0	0	0.01	0.15	0	0	0	0	0	0
1890	10	6	0.31	0	0	0	0	0	0	0	0	0.2
1890	10	7	0.34	0.26	0	0	0.35	0.12	0.04	0	0	0
1890	10	8	0	0.25	0.45	0	0.46	0.41	0.29	0.2	0.12	0
1890	10	9	0	0	0	0.67	0	0	0	0	0.16	0
1890	10	10	0.27	0	0.05	0.07	0.05	0.05	0.23	0	0.18	0
1890	10	11	0	0.04	0.01	0.05	0.02	0	0	0.41	0	0
1890	10	12	0	0	0	0	0	0	0	0	0	0
1890	10	13	0	0	0	0	0	0	0	0	0	0
1890	10	14	0.27	0.08	0.02	0	0.42	0.3	0.8	0	0.35	0.3
1890	10	15	0	0.21	0.17	0.2	0.02	0	0	0.32	0.15	0
1890	10	16	0.85	0	0	0	0.03	0	0	0	0.89	0
1890	10	17	0.42	0.79	2.32	1.42	1.62	2.42	0.79	1.97	0.01	0
1890	10	18	0	0.01	0.02	0	0	0	0.02	0	0	0.58

1890	10	19	0.15	0.52	0.3	0	0.44	0.71	0.03	1.27	0	0.38
1890	10	20	0	0.67	1.22	0	0.18	0.74	0	0	0	0
1890	10	21	0.03	0	0	0.42	0.01	0	0	0	0	0
1890	10	22	0	0	0	0	0	0	0	0	0	0
1890	10	23	0.84	0	0	0	0	0	0	0	0	0
1890	10	24	1.43	1.1	0	0	1.26	0.7	0	0.75	0.05	0.4
1890	10	25	0.01	0.44	0	0	0.06	0	0	0	0	0
1890	10	26	0	0	0	0	0	0	0	0	0	0
1890	10	27	0	0.01	0	0	0	0	0	0	0	0
1890	10	28	0	0	0	0	0	0.35	0	0	0	0
1890	10	29	0.09	0.17	0.86	0	0.09	0.45	0.08	0.8	0	0.07
1890	10	30	0	0.02	0.5	1.1	0.67	0	0.07	0	0.06	0
1890	10	31	0	0	0.03	0	0	0	0.1	0	0	0
1890	11	1	0	0	0	0	0	0	0.05	0	0	0
1890	11	2	0	0	0.18	0	0.09	0.1	0.42	0.19	0	0
1890	11	3	0	0	0	0.2	0.02	0	0	0	0	0
1890	11	4	0	0	0	0	0.01	0	0	0	0	0.05
1890	11	5	0	0	0	0	0	0	0	0	0	0
1890	11	6	0	0	0	0	0	0	0	0	0	0
1890	11	7	0	0	0	0.02	0	0	0.05	0	0	0
1890	11	8	0	0	0	0	0	0.01	0.31	0	0.16	0
1890	11	9	0	0	0	0.1	0	0	1	0	0.05	0
1890	11	10	0	0	0.02	0	0.01	0	0	0.04	0	0
1890	11	11	0.33	0.11	0	0	0.05	0.04	0	0	0	0
1890	11	12	0.06	0.03	0	0	0	0.03	0	0.05	0	0
1890	11	13	0	0	0	0	0	0	0	0	0	0
1890	11	14	0	0	0	0	0	0	0	0	0	0.2
1890	11	15	0	0.12	0.14	0.24	0	0.16	0.1	0	0.06	0
1890	11	16	0.01	0.06	0.18	0.12	0.01	0	0	1.4	0.17	0
1890	11	17	0.3	0.49	0.86	0.62	0.8	0.85	0.37	0	1.5	1
1890	11	18	0.01	0.16	0.93	0.96	0.04	0.29	0.55	0	0.27	0
1890	11	19	0	0	0	0	0.03	0.01	0.05	0	0.04	0
1890	11	20	0	0	0	0	0	0	0	0	0	0
1890	11	21	0	0	0	0	0	0	0	0	0	0
1890	11	22	0	0	0	0	0.01	0	0	0	0	0.02
1890	11	23	0	0	0	0	0.11	0	0.05	0	0	0
1890	11	24	0	0	0	0	0	0	0	0	0	0
1890	11	25	0	0	0	0	0	0	0.07	0	0.04	0.01
1890	11	26	0	0	0	0	0	0	0	0	0.01	0
1890	11	27	0	0	0	0	0	0	0	0	0	0
1890	11	28	0	0	0	0	0	0	0.03	0	0	0
1890	11	29	0	0	0	0	0	0	0.19	0	0.01	0
1890	11	30	0	0	0	0	0	0	0.1	0	0	0

1890	12	1	0	0	0	0	0	0	0	0	0	0
1890	12	2	0	0	0	0	0	0	0	0	0.01	0
1890	12	3	0.65	0.66	0.64	0	0.07	0.89	1.08	0.87	0.39	0.9
1890	12	4	0.09	0.25	0.9	0.7	0.13	0	0.24	0	0.25	0
1890	12	5	0	0.01	0.02	0	0.07	0	0	0	0.02	0
1890	12	6	0.26	0.01	0.2	0	0.13	0.52	0.18	0.5	0.07	0.21
1890	12	7	0.01	0.12	0.12	0.18	0.02	0	0	0	0	0
1890	12	8	0.04	0	0	0	0	0	0	0	0	0
1890	12	9	0	0	0	0	0	0	0.12	0	0	0
1890	12	10	0	0	0.04	0	0	0.06	0.25	0	0.04	0
1890	12	11	0	0	0.03	0.2	0.01	0	0.01	0.26	0	0.2
1890	12	12	0	0	0.18	0.2	0.11	0.11	0.07	0	0.04	0
1890	12	13	0	0	0	0	0	0	0.01	0	0.02	0
1890	12	14	0	0	0	0	0	0	0.32	0	0	0
1890	12	15	0	0	0	0	0	0	0.01	0	0.03	0
1890	12	16	0	0	0	0	0	0	0	0	0	0
1890	12	17	1.87	0.4	0.04	0	0.06	0	0	0	0.1	0.3
1890	12	18	0	0.91	1.36	1.2	0.9	0.78	0	1.19	0.05	0
1890	12	19	0	0	0	0	0	0	0	0	0.35	0
1890	12	20	0	0	0	0	0	0	0	0	0	0
1890	12	21	0	0.02	0.03	0	0.02	0	0.18	0.06	0.03	0
1890	12	22	0.01	0	0.03	0	0.02	0	0	0	0	0
1890	12	23	0	0	0	0	0	0	0.26	0	0.02	0
1890	12	24	0	0	0	0	0	0	0	0	0.03	0
1890	12	25	0	0	0	0	0	0	0	0	0	0
1890	12	26	0.76	0.8	0.56	0	1.08	1.47	0.16	1.53	0.4	0.9
1890	12	27	0	0.54	0.86	1.2	0.3	0	0.18	0	0.03	0.18
1890	12	28	0	0	0	0	0.02	0	0.01	0	0	0
1890	12	29	0.01	0	0.07	0	0	0	0.2	0	0.02	0.05
1890	12	30	0	0	0	0	0	0	0	0	0	0
1890	12	31	0	0	0	0	0	0	0	0	0	0
1891	1	1	0.33	0.01	0	0	0.02	0.03	0.04	0	0.02	0
1891	1	2	0.46	0.93	0.66	0.5	0.03	0.48	0.29	0.59	0.03	0.21
1891	1	3	0	0.38	0.04	0	0.03	0	0	0	0	0
1891	1	4	0.03	0	0	0	0	0	0	0	0	0
1891	1	5	0.04	0.31	0.48	0	0.76	0.18	0	0	0.02	0
1891	1	6	0	0	0.05	0	0.02	0	0.27	0.08	0.16	0.45
1891	1	7	0	0	0	0.4	0.01	0	0	0	0.14	0
1891	1	8	0	0	0	0	0	0	0	0	0	0
1891	1	9	0	0	0	0	0	0	0	0	0	0
1891	1	10	0	0	0	0	0	0	0	0	0	0
1891	1	11	1.31	0.4	0.65	0	0.62	0.67	0.8	0	0.4	0
1891	1	12	0.16	0.23	1.66	1.6	1.02	1.03	0.11	2.04	0.33	0.72

1891	1	13	0	0	0	0	0	0	0	0	0	0
1891	1	14	0	0.01	0.11	0	0	0.08	0.27	0.09	0.03	0
1891	1	15	0	0	0	0.2	0	0	0.24	0	0.06	0
1891	1	16	0	0	0	0	0	0	0.02	0	0	0
1891	1	17	0.91	0.4	0.87	0	0.38	1.11	0	0	0.15	0
1891	1	18	0	0.67	1.1	0	0.79	0.12	0	1.36	0.41	1.2
1891	1	19	0	0	0	1.6	0.01	0	0	0	0.15	0
1891	1	20	0	0	0	0	0.01	0	0	0	0	0
1891	1	21	0	0	0	0	0	0	0.14	0	0	0
1891	1	22	1.26	0.51	1.06	1.42	1.18	0.77	0.83	0.95	0.75	0.6
1891	1	23	0	0	0.02	0	0.01	0	0	0	0.01	0
1891	1	24	0.04	0	0	0	0	0	0.05	0	0	0
1891	1	25	1.28	0.35	0.64	0.1	0.65	0.73	0	0.46	0	0
1891	1	26	0	0	0	0	0	0	0.02	0	0.07	0
1891	1	27	0	0.01	0.06	0	0.01	0.04	0.02	0.11	0.08	0.12
1891	1	28	0.03	0	0.05	0	0	0	0	0	0	0.3
1891	1	29	0.12	0.16	0.04	0	0.35	0.4	0.1	0.41	0.02	0
1891	1	30	0	0.02	0.23	0.46	0.2	0	0.06	0	0.02	0
1891	1	31	0.03	0	0	0	0.02	0.07	0.13	0	0	0
1891	2	1	0.42	0.28	0.48	0.36	0.32	0.23	0.53	0	0.16	0
1891	2	2	0	0	0	0	0	0	0.1	0	0	0
1891	2	3	0.18	0.38	0.73	0.4	0.12	0.14	0.16	0.6	0.07	0.14
1891	2	4	0	0	0	0	0	0	0	0	0	0
1891	2	5	0	0	0	0	0	0	0.38	0	0	0
1891	2	6	0.22	0.13	0.02	0	0	0	0.18	0	0	0
1891	2	7	0.56	0.02	0	0	0.42	0.18	0.01	0	0	0
1891	2	8	0.02	0.3	0.22	0	0.52	0.27	0.17	0.44	0.25	0.4
1891	2	9	0.47	0.2	0.1	0.15	0.34	0.72	0.31	0	0	0.09
1891	2	10	0.03	0.47	0.9	0.3	0.02	0	0.08	0.66	0.02	0
1891	2	11	0	0	0	0	0	0	0	0	0	0
1891	2	12	0	0	0	0	0	0	0	0	0	0
1891	2	13	0	0	0	0	0.01	0	0	0	0	0
1891	2	14	0	0	0	0	0.01	0	0	0	0	0
1891	2	15	0	0	0	0	0	0	0	0	0	0
1891	2	16	0.36	0	0.01	0	0.14	0	0.2	0	0.09	0.1
1891	2	17	0.19	0.25	0.11	0.3	0.84	0.15	0	0	0.16	0.2
1891	2	18	0.02	0.15	0.33	0	0.2	0.35	0.32	0.59	0.03	0
1891	2	19	0	0	0	0	0	0	0	0	0	0
1891	2	20	0.31	0.29	0.36	0	0.34	0.48	0.05	0	0.03	0.25
1891	2	21	0.29	0.21	0.48	0.5	0.32	0.08	0.38	0.73	0.04	0.03
1891	2	22	0.12	0.06	0.04	0	0.02	0	0	0	0	0
1891	2	23	0	0	0	0	0	0	0	0	0	0
1891	2	24	0	0	0	0	0	0	0.06	0	0	0.7

1891	2	25	0.14	0.02	0.14	1	0.1	0.09	0.52	0.75	0.03	0.1
1891	2	26	0.78	0.66	0.07	0	0.12	0.31	0	0	0	0
1891	2	27	0.01	0.24	0.32	0.4	0.3	0.54	0	0.36	0.07	0.24
1891	2	28	0	0	0	0	0	0	0.01	0	0.06	0
1891	3	1	0	0.12	0.2	0	0.2	0	0	0	0	0.1
1891	3	2	0	0	0	0	0	0	0	0	0	0
1891	3	3	0.09	0.02	0	0	0.01	0	0	0	0	0.4
1891	3	4	0.43	1.05	0.3	0	0.56	0.9	0.91	1.03	0.45	0
1891	3	5	0	0.08	0.1	1.1	0	0	0.02	0	0.05	0.41
1891	3	6	0	0	0	0	0	0	0	0	0	0
1891	3	7	0	0	0	0	0	0	0	0	0	0
1891	3	8	0.26	0	0	0	0	0	0	0	0	0
1891	3	9	0.81	0.14	0.09	0	0.28	1.4	1.41	0	0.05	0
1891	3	10	0	0.25	2.1	0	0.8	0	0.39	1.69	0.46	0.53
1891	3	11	0	0	0	0	0	0	0	0	0	0
1891	3	12	0.54	0.03	0	0	0.15	0.28	0.3	0	0	0.08
1891	3	13	0.28	0.61	1.46	0	0.33	0.34	0.29	0.47	0.05	0.18
1891	3	14	0	0.02	0.02	0.82	0.02	0	0.08	0	0.05	0
1891	3	15	0	0	0	0	0	0	0	0	0	0
1891	3	16	0	0	0.02	0	0	0.02	0.08	0	0.03	0
1891	3	17	0	0	0	0	0	0	0	0	0	0
1891	3	18	0	0	0	0	0	0	0.35	0	0.2	0
1891	3	19	0	0.03	0.06	0	0.01	0	0	0	0	0
1891	3	20	0.01	0	0	0	0	0	0	0	0	0
1891	3	21	0.69	1.25	0.15	0	0.47	0.48	0.19	0	0.05	0.1
1891	3	22	0.39	0.29	0.88	3.4	0.19	0.66	0.12	1.08	0.1	0.05
1891	3	23	0.04	0.02	0.08	0.15	0.02	0.11	0	0	0	0.06
1891	3	24	0	0.03	0.02	0	0.06	0	0.14	0	0.21	0
1891	3	25	0	0	0	0	0.01	0	0	0	0	0
1891	3	26	0	0	0	0	0	0	0	0	0	0
1891	3	27	0	0	0	0	0	0	0	0	0	0
1891	3	28	0	0	0	0	0.01	0	0	0	0	0
1891	3	29	0	0	0	0	0	0	0	0	0	0
1891	3	30	0	0	0	0	0	0	0	0	0	0
1891	3	31	0.07	0	0	0	0	0	0	0	0	0
1891	4	1	0	0	0	0	0.01	0	0	0	0	0
1891	4	2	0.77	0	0	0	0	0	0	0	0	0
1891	4	3	0.09	0.91	0.59	1	1.14	1.29	0.57	0.84	0.8	0
1891	4	4	0	0	0	0	0	0	0	0	0	0.98
1891	4	5	0	0	0	0	0	0	0	0	0	0
1891	4	6	0	0	0	0	0	0	0	0	0	0
1891	4	7	0	0	0	0	0	0	0	0	0	0
1891	4	8	0	0	0	0	0	0	0	0	0	0

1891	4	9	0	0	0	0	0	0	0	0	0	0
1891	4	10	0	0	0	0	0.01	0	0	0	0	0
1891	4	11	0.69	0.02	0.12	0	0.71	0.3	0.5	1.15	0.6	0.45
1891	4	12	0	0.17	0.44	0.15	0.07	0.47	0.63	0	0.06	0
1891	4	13	0	0	0	0	0	0	0	0	0	0
1891	4	14	0	0	0	0	0	0	0.07	0	0	0
1891	4	15	0	0.47	0.11	0.3	0.02	0.13	0.57	0.19	0.49	0.45
1891	4	16	0	0	0.01	0	0	0	0.05	0	0.2	0
1891	4	17	0	0	0	0	0	0	0	0	0	0
1891	4	18	0.34	0	0.17	0.01	0.21	0.2	0.45	0.37	0	0
1891	4	19	0	0.09	0.03	0	0.07	0	0.07	0	0.29	0
1891	4	20	0	0	0	0.12	0	0	0	0	0	0
1891	4	21	0	0	0	0	0	0	0	0	0	0
1891	4	22	0.2	0	0	0	0.01	0	0	0	0	0
1891	4	23	0.29	0.01	0.28	0.15	0.01	0	0.04	0	0.26	0
1891	4	24	0	0	0.01	0	0	0	0	0	0.03	0.02
1891	4	25	0	0.04	0.13	0.12	0	0.02	0.14	0	0.04	0.04
1891	4	26	0	0	0	0	0.01	0	0	0	0	0
1891	4	27	0	0	0	0	0	0	0	0	0	0
1891	4	28	0	0	0	0	0	0	0	0	0	0
1891	4	29	0	0	0	0	0	0	0	0	0	0
1891	4	30	0	0	0	0	0	0	0	0	0	0
1891	5	1	0	0	0	0	0	0	0	0	0	0
1891	5	2	0	0	0	0	0	0	0	0	0	0
1891	5	3	0.56	0.09	0.26	0.1	0.07	0.19	0.32	0.17	0.31	0.1
1891	5	4	0	0	0	0	0	0	0.05	0	0	0
1891	5	5	0	0	0	0	0	0	0.01	0	0	0
1891	5	6	0	0	0.02	0.05	0.06	0	0.05	0	0.15	0
1891	5	7	0	0	0.02	0	0.02	0	0	0	0	0
1891	5	8	0	0	0.01	0	0	0	0	0	0.14	0
1891	5	9	0	0	0.07	0.01	0.01	0	0.1	0	0	0
1891	5	10	0	0	0.01	0	0	0	0	0	0	0
1891	5	11	0	0	0	0	0	0	0.03	0	0	0
1891	5	12	0	0	0.02	0	0	0	0	0	0	0
1891	5	13	0	0.08	0.1	0	0	0	0	0	0	0
1891	5	14	0	0	0	0	0	0	0	0	0	0
1891	5	15	0.21	0	0	0	0	0	0	0	0	0
1891	5	16	0.56	0.82	1.31	1.1	1.08	1.15	0.66	1.44	0.92	1.69
1891	5	17	0	0.26	0.44	0.25	0	0	0	0	0	0
1891	5	18	0	0.01	0.06	0.04	0	0	0.05	0	0	0
1891	5	19	0	0	0	0	0	0	0	0	0	0
1891	5	20	0.05	0	0	0	0	0	0	0	0	0
1891	5	21	0	0	0.12	0	0.1	0.02	0.22	0.15	0.03	0

1891	5	22	0.11	0	0.43	0	0.03	0	0	0	0.1	0.08
1891	5	23	0	0	0	0	0	0	0	0	0	0
1891	5	24	0	0	0	0	0	0	0	0	0	0
1891	5	25	0	0	0	0	0	0	0	0	0	0
1891	5	26	0.07	0.03	0.12	0.2	0.17	0.02	0.22	0.05	0.25	0.11
1891	5	27	0	0	0	0	0.01	0	0	0	0	0
1891	5	28	0	0	0	0	0	0	0	0	0	0
1891	5	29	0.87	0.26	0.28	0.05	0.07	0.91	0	0.9	0	0
1891	5	30	0.02	0.01	0.2	0.38	0.01	0.05	0	0	0.26	0.42
1891	5	31	0	0	0	0	0.06	0	0	0	0	0
1891	6	1	0	0	0	0	0.06	0.21	0	0.29	0	1.06
1891	6	2	0	0.29	0.01	0	0.36	0.14	0	0	0	0
1891	6	3	0.12	0	0	0	0.12	0.2	0.14	0	0.26	0
1891	6	4	0.02	0.36	0.54	0.35	0.08	0.35	0	0.63	0	0.44
1891	6	5	0	0	0	0	0	0	0	0	0	0
1891	6	6	0	0	0	0	0	0	0	0	0	0
1891	6	7	0.39	0	0	0	0	0	0	0	0	0
1891	6	8	0	0	0	0	0	0	0	0	0	0
1891	6	9	0	0	0	0	0	0	0	0	0	0
1891	6	10	0	0	0	0	0	0	0	0	0	0
1891	6	11	0	0	0	0	0	0	0.83	0	0.03	0
1891	6	12	0	0	0	0	0.02	0	0.01	0	0.07	0.49
1891	6	13	0	0	0	0	0	0	0	0	0	0
1891	6	14	0	0	0	0	0	0	0	0	0	0
1891	6	15	0	0	0	0	0	0	0	0	0	0
1891	6	16	0.27	0	0	0	0	0	0.4	0	0.02	0.78
1891	6	17	0.56	0	0.08	0	0.12	0.25	0.04	0	0.3	0
1891	6	18	0.01	0.82	0.27	0.15	1.79	0.1	0	0.6	0.17	0.61
1891	6	19	0	0.06	0.02	0	0.02	0.8	0	0	0	0.08
1891	6	20	0	0.14	0	0	0	0	0	0	0	0
1891	6	21	0.05	0	0	0	0	0.4	0.01	0	0.02	0.1
1891	6	22	0.06	1.39	1.22	0.75	0.04	0.57	0.18	0.64	0.5	0.04
1891	6	23	0	0	0.29	0.82	0.02	0	0.14	0	0.11	0
1891	6	24	0	0	0	0	0	0	0	0	0	0
1891	6	25	0	0	0	0	0	0	0	0	0	0
1891	6	26	0	0	0	0.82	0	0.3	0	0	0	0
1891	6	27	0	0	0.06	0	0.01	0	0	0	0	0
1891	6	28	0	0	0.02	0.08	0	0	0	0	0	0
1891	6	29	0	0	0.24	0.08	0.01	0	0	0	0	0
1891	6	30	0	0	0.02	0	0	0	0	0	0	0
1891	7	1	0	0	0	0	0.01	0	0.13	0	0	0
1891	7	2	0.1	0	0	0	0.02	0	0.41	0	0.53	0.25
1891	7	3	0.15	0	0	1.35	0	0	0.19	0	0.04	0.26

1891	7	4	0.15	0.57	0.36	0.1	0.48	0.69	0.55	0.34	0.42	0.11
1891	7	5	0	0.09	0.04	0.03	0.04	0	0.22	0	0.06	0.54
1891	7	6	0	0	0.03	0	0.02	0	0.06	0	0.2	0
1891	7	7	0.24	0.15	0	0.41	0.2	0.84	0.1	0	0.03	0.69
1891	7	8	0.7	0.52	1.42	0	0.02	0	0.23	0.58	0.57	0
1891	7	9	0.01	0	0	0	0	0.03	0	0	0	0
1891	7	10	0	0	0	0	0	0	0	0	0	0
1891	7	11	0	0	0	0	0	0	0	0	0	0
1891	7	12	0	0	0	0	0	0	0	0	0	0
1891	7	13	0	0	0	0	0	0	0	0	0	0
1891	7	14	0.3	0	0	0	0	0	0.06	0	0	0
1891	7	15	0.05	0	1.32	0.86	0.79	0.19	0.14	2.64	0.02	0.02
1891	7	16	0	0.05	0.02	0	0	0	0	0	0	0
1891	7	17	0	0	0	0	0	0	0	0	0	0
1891	7	18	0.46	0.05	0	0	0.18	0.52	0.25	0	0.15	0.71
1891	7	19	0	0.22	0.27	0.58	0.56	0.09	0.34	0.39	0.23	0
1891	7	20	0	0	0	0	0.92	0	0	0	0	0
1891	7	21	0	0	0.05	0	0.02	0	0	0.02	0	0
1891	7	22	0	0	0	0	0	0	0	0	0	0
1891	7	23	0	0	0	0	0	0	0.13	0	0.01	0.1
1891	7	24	0.66	0.64	0.52	0.89	1.1	0.29	0.5	0.84	0.55	0.8
1891	7	25	0.01	0	0.29	0.23	0.2	0.08	0.01	0	0.25	0.09
1891	7	26	0	0	0	0	0	0	0.1	0.02	0.11	0
1891	7	27	0	0	0.02	0.1	0.26	0	0	0	0	0
1891	7	28	0.11	0	0	0	0	0	0.26	0	0	0
1891	7	29	0.21	0.53	0.17	0	0.02	0.07	0.01	0.04	0	0
1891	7	30	0.79	0	0.02	0	1.24	0.44	1.1	0.35	0.31	1.01
1891	7	31	0	0.91	0.25	0.08	0.03	0.1	0.01	0	0	0
1891	8	1	0.3	0	0	0.02	0	0	0.03	0	0.05	0
1891	8	2	0.2	0.28	0	0	0.12	0	0	0	0	0
1891	8	3	0.01	0	0	0	0	0	0	0	0	0
1891	8	4	0.06	0	0.08	0	0.71	0.13	0	1.46	0	0.05
1891	8	5	0	0	0.02	0	0.06	0	0	0	0	0
1891	8	6	0	0.26	0	0.09	0	0	0	0	0	0
1891	8	7	0	0.14	0	0	0	0	0	0	0.15	0
1891	8	8	0	0.22	0	0	0	0	0	0	0	0
1891	8	9	0	0	0	0	0.14	0	0	0	0	0
1891	8	10	0	0.02	0	0	0.01	0	0.02	0	0	0
1891	8	11	0.02	0	0	0	0.03	0	0.11	0	0.48	0.41
1891	8	12	0.03	0.14	0	0.48	0.04	0	0.04	0	0.58	0
1891	8	13	0	0	0	0	0	0	0.04	0	0	0
1891	8	14	0	0	0	0.03	0	0	0.13	0	0.72	0
1891	8	15	0.46	0.45	0.01	1.48	1.45	0.98	0.04	0	0.01	1.96

1891	8	16	0	0	0.17	0	0	0.04	0	0	0	0
1891	8	17	0	0	0	0	0	0	0	0.26	0.14	0
1891	8	18	0.09	0	0	0.14	0.37	0.35	1.03	0	0	0.03
1891	8	19	0	0	0	0	0.01	0	0	0.05	0	0
1891	8	20	0	0	0	0	0	0	0	0	0	0
1891	8	21	0	0	0	0	0.08	0	1.2	0	0.57	0.04
1891	8	22	0	0.53	0.1	0.78	0.02	0.31	0	0.04	0	0
1891	8	23	1.91	0	0	0	0	0	0.04	0	0.1	0.12
1891	8	24	0.9	0.14	0.04	0	0.7	0.08	0.74	0.71	0.13	0.15
1891	8	25	0	0	0.02	0	0.02	0	0.26	0	0	0
1891	8	26	0.02	0	0	0	0	0	0	0	0	0
1891	8	27	0	0.05	0.1	0	1.92	0.21	0.02	2.07	0.32	1.2
1891	8	28	0.11	1.31	0.54	0.98	0.16	0.83	0	0	0	0.4
1891	8	29	0	0	0.01	0	0	0	0	0	0	0
1891	8	30	0.4	0.25	0	0	0.02	0	0	0	0	0
1891	8	31	0	0.08	0.06	0	0.02	0.02	0	0	0	0.05
1891	9	1	0	0.16	0.12	0.22	0.19	0.12	0.18	0	0.05	0.6
1891	9	2	0	0	0	0.23	0	0	0	0	0	0
1891	9	3	0	0	0	0	0	0	0	0	0	0
1891	9	4	0	0	0	0.17	0.18	0	0.21	0	0.57	0.2
1891	9	5	1.35	0.18	0.03	0	0.47	0.56	0.22	0	0.31	0.18
1891	9	6	0.4	0.12	0.33	0	0.4	0.46	0.09	0.7	0	0.21
1891	9	7	0.01	1.7	0.45	0.92	0	0	0	0	0	0
1891	9	8	0	0	0	0	0	0	0	0	0.03	0
1891	9	9	0	0	0	0	0	0	0	0	0	0.1
1891	9	10	0	0	0	0	0	0	0.01	0	0	0
1891	9	11	0	0	0	0	0	0	0	0	0	0
1891	9	12	0	0	0	0	0	0	0	0	0	0
1891	9	13	0	0.01	0.04	0	0	0.29	0.01	1.11	0	0
1891	9	14	0	0.04	0.49	0.11	0.43	0	0	0	0.03	0
1891	9	15	0.17	0	0	0	0	0.01	0	0	0	0
1891	9	16	0	0.01	0	0	0	0	0	0	0	0
1891	9	17	0	0	0	0.14	0.02	0	0	0.4	0	0
1891	9	18	0	0	0.21	0.27	0.16	0.33	0.11	0.25	0.57	0.71
1891	9	19	0	0.01	0.07	0	0	0	0	0	0	0
1891	9	20	0	0	0	0	0	0	0	0	0	0
1891	9	21	0	0	0	0	0	0.14	0	0.04	0.31	0
1891	9	22	0	0.04	0	0	0	0	0	0	0	0
1891	9	23	0	0	0	0	0	0	0	0	0	0
1891	9	24	0	0	0	0	0	0	0	0	0	0
1891	9	25	0	0	0	0	0	0	0	0	0	0
1891	9	26	0.34	0	0	0	0	0	0	0	0	0
1891	9	27	0	0	0	0	0	0	0	0	0	0

1891	9	28	0	0	0	0	0	0	0	0	0	0
1891	9	29	0.22	0.01	0.2	0	0.09	0.18	0.2	0.03	0.57	0.2
1891	9	30	0	0.01	0	0	0	0	0	0	0	0
1891	10	1	0	0	0	0	0	0	0	0	0	0
1891	10	2	0	0	0	0	0	0	0	0	0	0
1891	10	3	0	0	0	0	0.01	0	0	0	0	0
1891	10	4	0	0	0	0	0	0	0	0	0	0
1891	10	5	0	0.12	0.04	0	0	0	0.06	0	0.03	0
1891	10	6	0	0	0	0	0	0	0	0	0	0
1891	10	7	0.42	0.08	0	0	0.4	0.5	0.15	0	0.35	0
1891	10	8	0.28	2	1.28	1.64	0.7	0.45	0.78	0.92	0.65	0
1891	10	9	0	0	0	0	0	0	0	0	0	0
1891	10	10	0	0	0	0	0	0	0	0	0	0
1891	10	11	0	0.01	0.01	0	0	0	0.12	0	0.1	0
1891	10	12	0	0	0	0	0	0.6	0	0	0	0.5
1891	10	13	0.35	0.21	0	0	0	0.25	0	0	0	0.3
1891	10	14	0	1.61	1.17	0	0	0	0	0.75	0	0
1891	10	15	0	0.02	0	0	0.1	0	0.06	0	0	0
1891	10	16	0	0	0	0	0	0	0	0.1	0	0
1891	10	17	0	0	0	0	0	0	0	0	0	0.1
1891	10	18	0	0	0	0	0	0	0	0	0	0
1891	10	19	0.25	0	0	0	0	0	0	0	0	0.48
1891	10	20	0.16	0.84	0.39	0.48	0.83	0.77	0.93	0.6	1.03	0
1891	10	21	0	0	0.02	0	0.03	0	0.04	0	0.02	0
1891	10	22	0.82	0	0	0	0	0	0	0	0	0
1891	10	23	0.02	0.42	0	0	0	0	0	0	0	0.46
1891	10	24	0	0	0	0	0	0	0	0	0	0
1891	10	25	0	0	0	0	0	0	0	0	0	0
1891	10	26	0.3	0.03	0.1	0	0.03	0.01	0.16	0	0	0
1891	10	27	0	0.22	0.21	0	0.03	0.05	0.18	0.07	0.64	0.25
1891	10	28	0	0	0	0	0	0	0	0	0	0
1891	10	29	0	0	0	0	0	0	0	0	0	0.24
1891	10	30	0	0	0	0	0	0	0.01	0	0	0
1891	10	31	0	0	0	0	0	0	0.04	0	0.2	0
1891	11	1	0	0	0	0	0.04	0	0.13	0	0	0.01
1891	11	2	0	0	0	0	0	0	0	0	0	0
1891	11	3	0	0	0	0	0	0	0	0	0	0
1891	11	4	0	0	0	0	0	0	0	0	0	0
1891	11	5	0	0	0	0	0	0	0	0	0	0
1891	11	6	0	0.01	0	0	0	0	0	0	0	0
1891	11	7	0	0	0	0	0	0	0	0	0	0
1891	11	8	0	0	0	0	0	0	0	0	0	0
1891	11	9	0	0	0	0	0	0	0	0	0	0

1891	11	10	0.16	0	0	0	0.02	0	0	0	0	0
1891	11	11	0.21	0.35	0.36	0	0.88	0.22	0.52	0.29	1	0.51
1891	11	12	0	0	0.02	0	0.05	0	0.15	0	0.29	0.05
1891	11	13	0	0	0	0	0	0	0	0	0	0.02
1891	11	14	0	0	0	0	0	0	0	0	0.04	0
1891	11	15	0	0	0	0	0	0	0	0	0	0
1891	11	16	0.08	0	0	0	0.02	0.02	0.26	0	0.01	0
1891	11	17	0.64	0.6	0.2	0.19	0.57	0.32	0.49	0.7	0.6	0.23
1891	11	18	0	0.02	0.08	0	0	0	0	0	0	0
1891	11	19	0	0	0	0	0	0	0	0	0	0
1891	11	20	0	0	0	0	0	0	0	0	0	0
1891	11	21	0	0	0	0	0	0	0.06	0	0	0
1891	11	22	0	0	0	0	0.03	0.01	0.36	0	0.01	0.02
1891	11	23	0.71	0.05	0.08	0	0.49	0.65	0.35	0.81	0.33	0.39
1891	11	24	0	0.05	0.46	0.81	0	0	0.38	0	0	0.55
1891	11	25	0	0	0	0	0	0	0.07	0	0	0
1891	11	26	0.48	0.01	0	0	0.01	0.1	0	0.49	0.03	0
1891	11	27	0.02	1.24	1.1	0.79	0.19	0.41	0.08	0	0.02	0.18
1891	11	28	0	0.02	0.08	0	0.1	0	0.2	0	0.4	0.18
1891	11	29	0	0	0	0	0	0	0	0	0	0
1891	11	30	0	0	0	0	0	0	0.01	0	0	0
1891	12	1	0	0	0	0	0	0	0	0	0	0
1891	12	2	0	0	0	0	0	0	0	0	0	0
1891	12	3	0	0	0	0	0	0	0	0	0	0
1891	12	4	0.59	0.02	0.06	0	0.6	0.43	0.55	0.47	0.4	0
1891	12	5	0	0.29	0.36	0.88	0.02	0	0.02	0	0	0
1891	12	6	0	0	0	0	0	0	0	0	0	0
1891	12	7	0.55	0.39	0.11	0	0.04	0.11	0.26	0.2	0.01	0
1891	12	8	0	0	0	0	0	0	0	0	0	0
1891	12	9	0	0	0	0	0	0	0	0	0	0
1891	12	10	0	0	0	0	0	0	0	0	0	0
1891	12	11	0	0	0	0	0	0	0	0	0	0
1891	12	12	0	0	0	0	0	0	0	0	0	0
1891	12	13	0	0	0	0	0	0	0	0	0	0
1891	12	14	0	0	0	0	0	0	0	0	0	0.2
1891	12	15	0	0.15	0.62	0	0.14	0.86	0.74	1.25	0.52	0.05
1891	12	16	0.02	0.26	0.36	1.05	0.35	0	0.31	0	0.01	0
1891	12	17	0	0	0	0	0.04	0	0	0	0	0
1891	12	18	0	0	0	0	0	0	0	0	0	0
1891	12	19	0	0	0	0	0	0	0	0	0	0
1891	12	20	0	0	0	0	0	0	0	0	0	0
1891	12	21	0	0	0	0	0	0	0	0	0	0.1
1891	12	22	0	0	0	0	0.01	0	0.03	0	0	0

1891	12	23	0.64	0.42	0.49	0	0.48	0.37	0.46	0	0.4	0.2
1891	12	24	0.68	0.42	0.26	0	0.25	0.55	0.05	0.64	0.05	0
1891	12	25	0	0.16	0.28	0	0.02	0	0.02	0	0	0
1891	12	26	0.21	0.22	0.31	1.03	0.41	0.28	0.23	0.63	0.02	0.2
1891	12	27	0	0.03	0.02	0	0	0	0	0	0.02	0
1891	12	28	0	0	0	0	0.01	0	0	0	0	0
1891	12	29	0.8	0.01	0.02	0	0	0.5	0.36	1.08	0.3	1.2
1891	12	30	0.06	1.21	1.28	2.61	0.86	1.01	0.31	0	0.5	0
1891	12	31	0	0	0	0	0	0	0	0	0	0
1892	1	1	0	0	0	0	0	0	0	0	0	0
1892	1	2	1.02	0.73	0.34	0.91	0.89	0.69	0.44	1.29	0.3	0.72
1892	1	3	0	0.53	0.34	0	0.08	0	0.45	0	0.43	0
1892	1	4	0	0	0	0	0	0	0.01	0	0.02	0
1892	1	5	0	0	0	0	0	0	0.02	0	0	0
1892	1	6	0.41	0.5	0.17	0	0.35	0.44	0.41	0.25	0.12	0.21
1892	1	7	0	0.01	0.02	0.22	0.01	0	0.07	0	0.06	0
1892	1	8	0	0	0	0	0	0	0	0	0	0
1892	1	9	0.03	0.05	0.15	1.1	0.01	0.18	0.07	0	0	0
1892	1	10	0	0	0	0	0	0	0	0	0	0
1892	1	11	0.02	0.05	0	0	0.02	0	0	0	0	0
1892	1	12	0.31	0.07	0	0	0.01	0.07	0.07	2.18	0.02	0
1892	1	13	1.44	1.07	1	0	0.78	1.1	0.17	0	0.5	1.2
1892	1	14	0.02	0.06	0.18	0	0.41	0.18	0.61	0	0.38	0.62
1892	1	15	0.58	0.48	0.44	1.2	0.59	0.63	0	0	0.02	0
1892	1	16	0	0	0	0	0	0	0	0	0	0
1892	1	17	0	0	0	0	0	0	0	0	0	0
1892	1	18	0.4	0.04	0.2	0	0.22	0.34	0.43	0.84	0.25	0.2
1892	1	19	0.45	0.91	1.08	0	0.66	0.34	0.5	0	0.5	0.77
1892	1	20	0	0.09	0.06	1.15	0.02	0	0	0	0	0
1892	1	21	0	0	0	0	0	0	0.16	0	0	0
1892	1	22	0	0	0	0	0	0	0.14	0	0	0
1892	1	23	0	0	0	0	0.02	0	0.1	0	0.02	0
1892	1	24	0.01	0	0	0	0.01	0.01	0.09	0	0	0
1892	1	25	0	0.01	0.02	0	0	0	0.45	0.06	0.02	0
1892	1	26	0	0	0.18	0	0	0	0.21	0	0.02	0
1892	1	27	0	0.01	0	0.3	0	0	0.01	0	0.04	0
1892	1	28	0	0	0	0	0	0	0.08	0	0.06	0
1892	1	29	0	0	0	0	0	0	0.18	0.03	0	0.1
1892	1	30	0	0.01	0.04	0	0	0	0.03	0	0	0
1892	1	31	0	0	0	0	0	0	0.03	0	0	0
1892	2	1	0.01	0	0	0	0	0	0	0	0	0
1892	2	2	0.08	0.2	0.01	0	0.55	0	0	0	0.18	0
1892	2	3	0	0.93	0.27	0	0.2	0.58	0.15	0.41	0.4	0

1892	2	4	0	0	0	0.15	0	0	0.24	0	0.02	0
1892	2	5	0	0	0	0	0.05	0	0.2	0	0	0
1892	2	6	0	0	0	0	0	0	0.06	0	0	0
1892	2	7	0	0.02	0.01	0	0.02	0.15	0	0	0.06	0
1892	2	8	0	0.24	0.29	0.2	0.1	0.03	0.14	0.05	0.08	0
1892	2	9	0	0	0.1	0.3	0	0.02	0.58	0	0.12	0
1892	2	10	0	0	0	0	0	0	0.15	0	0	0
1892	2	11	0.07	0.59	0.63	0	0.38	0.57	0	0.9	0.17	0.36
1892	2	12	0	0.01	0.36	0.63	0	0	0.37	0	0.18	0
1892	2	13	0	0	0	0	0	0	0.6	0	0	0
1892	2	14	0.02	0	0	0	0	0.32	0	0.48	0	0
1892	2	15	0	0.08	0.46	0.32	0.02	0	0.37	0	0.13	0
1892	2	16	0	0	0	0	0	0	0.31	0	0	0.14
1892	2	17	0	0	0	0	0	0	0	0	0	0
1892	2	18	0	0	0	0	0	0	0	0	0	0
1892	2	19	0.04	0	0	0	0	0	0	0	0	0
1892	2	20	0.31	0	0	0	0.69	0	0.3	0	0.33	0
1892	2	21	0.32	0.01	0.01	0	0.11	0.03	0.13	0	0	0
1892	2	22	0	0	0.02	0	0	0	0	0	0	0
1892	2	23	0	0.06	0	0	0	0	0	0	0	0
1892	2	24	0	0.01	0	0	0	0	0	0	0	0
1892	2	25	0	0	0	0	0	0	0	0	0	0
1892	2	26	0	0	0.02	0	0.01	0	0	0	0	0
1892	2	27	0	0	0	0	0	0	0	0	0	0
1892	2	28	0	0	0	0	0	0	0	0	0	0
1892	2	29	0.09	0	0	0	0	0	0.03	0	0	0
1892	3	1	1.24	0.07	0	0	0.03	0	0.01	0	0	0
1892	3	2	0	0.4	0.04	0	0.61	0.19	0	0.51	0	0
1892	3	3	0	0.48	0.39	0	0	0.41	0	0	0	0
1892	3	4	0	0.01	0	0.1	0	0	0	0	0	0
1892	3	5	0	0	0	0	0	0	0	0	0	0
1892	3	6	0	0	0	0	0	0	0	0	0	0
1892	3	7	0	0	0	0	0	0	0	0	0	0
1892	3	8	0.65	0.55	0.26	0	0.35	0.37	0.12	0.24	0.28	0.21
1892	3	9	0	0.06	0.27	0.58	0.12	0	0.13	0	0.03	0
1892	3	10	0.01	0.06	0	0	0.16	0.31	0.18	0.49	0.05	0
1892	3	11	0	0.29	0.32	0.39	0	0	1.59	0	0.18	0
1892	3	12	0	0	0	0	0	0	0	0	0	0
1892	3	13	0	0	0	0	0	0	0	0	0	0
1892	3	14	0	0	0	0	0	0	0	0	0	0
1892	3	15	0	0	0	0	0.01	0	0	0	0	0
1892	3	16	0.08	0	0	0	0	0	0	0	0	0
1892	3	17	0.11	0	0	0	0	0	0	0	0	0

1892	3	18	0.88	1.35	0.2	0	0.05	0.29	0.06	0.25	0	0.4
1892	3	19	0	0.02	0.2	0.25	0.03	0.1	0.53	0	0.15	0.25
1892	3	20	0	0	0	0	0	0	0.12	0	0	0
1892	3	21	0	0	0	0	0	0	0	0	0	0
1892	3	22	0	0	0	0	0	0	0	0	0	0
1892	3	23	0.11	0.62	0.58	0	0.28	0.33	1.01	0.4	0.23	0.2
1892	3	24	0	0	0.01	0.47	0	0	0	0	0	0
1892	3	25	0	0	0	0	0	0	0	0	0	0
1892	3	26	0	0	0	0	0	0	0	0	0	0
1892	3	27	0.41	0	0	0	0	0	0	0	0	0
1892	3	28	0	0	0	0	0	0	0	0	0	0
1892	3	29	0	0	0	0	0	0	0	0	0	0
1892	3	30	0	0	0	0	0	0	0	0	0	0
1892	3	31	0	0	0	0	0	0	0	0	0	0
1892	4	1	0	0	0	0	0	0	0	0	0	0
1892	4	2	0	0	0	0	0	0	0.1	0	0.02	0
1892	4	3	0	0	0	0	0	0	0	0	0	0
1892	4	4	0	0.04	0	0	0	0	0.07	0	0.08	0
1892	4	5	0	0	0	0.2	0	0	0.33	0	0.13	0
1892	4	6	0	0	0	0	0	0	0	0	0	0.06
1892	4	7	0	0	0	0	0	0	0	0	0	0
1892	4	8	0.13	0	0	0	0	0	0.12	0	0	0
1892	4	9	0.02	0.04	0.29	0.25	0.1	0	0.39	0	0	0
1892	4	10	0	0	0	0.05	0	0	0.32	0	0	0
1892	4	11	0	0	0	0	0	0	0.01	0	0	0
1892	4	12	0	0	0	0	0	0	0.03	0	0	0
1892	4	13	0	0	0	0	0	0	0	0	0	0
1892	4	14	0.4	0	0	0	0	0	0	0	0	0
1892	4	15	0.37	0	0	0	0	0	0	0	0	0
1892	4	16	0	0	0	0	0	0	0	0	0	0
1892	4	17	0	0	0	0	0	0	0	0	0	0
1892	4	18	0	0	0	0	0	0	0	0	0	0
1892	4	19	0	0	0	0	0	0	0	0	0	0
1892	4	20	0	0	0	0	0	0	0	0	0	0.26
1892	4	21	0.76	0.13	0	0	0.34	0.22	0.07	0.42	0.22	0.16
1892	4	22	0.17	0.38	0.33	0.4	0.02	0.2	0.05	0	0	0
1892	4	23	0.01	0.15	0.1	0	0.1	0	0.02	0	0.22	0
1892	4	24	0	0	0	0	0	0	0	0	0	0
1892	4	25	0	0	0	0	0	0	0	0	0	0
1892	4	26	0	0	0	0	0	0	0	0	0	0
1892	4	27	0	0	0	0.15	0	0	0	0	0	0
1892	4	28	0	0.01	0.3	0	0	0.34	0.22	0.52	0.35	0.37
1892	4	29	0.16	0.18	0.02	0	0	0	0	0	0	0

1892	4	30	0	0	0	0	0	0	0	0	0	0
1892	5	1	0	0.08	0	0	0.17	0.06	0	0	0.05	0
1892	5	2	0.19	0.12	0.1	0	0.23	0.42	0	0.7	0.12	0.14
1892	5	3	0	0.22	0.03	0.01	0.04	0.07	0	0	0.2	0
1892	5	4	0.06	0.4	0.17	0.2	0.9	0.41	0	0	0	0.23
1892	5	5	0.06	0	0	0	0	0	0	0	0	0
1892	5	6	0	0	0	0	0.23	0	0	0	0	0
1892	5	7	0	0	0	0	0	0	0	0	0	0
1892	5	8	0	0	0	0	0	0	0	0	0	0
1892	5	9	0	0	0	0	0	0	0	0	0	0
1892	5	10	0	0	0	0	0	0	0	0	0	0
1892	5	11	0.91	0.49	0.67	0.1	0.22	0.46	0.39	0	0.45	0.21
1892	5	12	0	0.01	0.18	0.52	0.02	0.1	0.16	0.68	0.4	0.82
1892	5	13	0	0.05	0	0	0.04	0.06	0	0	0	0
1892	5	14	0.04	0	0	0	0.01	0	0	0	0	0.21
1892	5	15	0.18	0.99	0.7	0	0.43	0.72	0	0.62	0.08	0
1892	5	16	0.04	0	0.07	0.37	0.01	0	0.05	0	0	0.04
1892	5	17	0	0	0	0	0	0	0	0	0	0
1892	5	18	0	0	0	0	0	0	0	0.02	0	0
1892	5	19	0.64	0	0	0	0.01	0	0	0	0	0
1892	5	20	0.11	0.77	0.2	0	0.68	1.15	0	2.2	0.53	0.8
1892	5	21	0.71	0.66	0.72	0.2	1.05	1.28	0.28	0	0.4	0.9
1892	5	22	0.59	0.45	0.7	0.9	0.05	0.41	0.05	0	0.2	0.5
1892	5	23	0.07	0.48	0.3	0.34	0.32	0.69	0.44	0	0.34	0
1892	5	24	0	0	0	0	0	0	0.05	0	0.28	0.08
1892	5	25	0	0	0.01	0	0.08	0.02	0	0	0.02	0
1892	5	26	0.33	0.32	0.03	0	0	0	0	0	0	0.1
1892	5	27	0.16	0.11	0.35	0.15	0.62	0.17	0.62	0.19	1.12	1.47
1892	5	28	0	0	0	0	0	0	0.05	0	0.05	0
1892	5	29	0	0	0	0	0	0	0.06	0	0.04	0
1892	5	30	0.12	0	0.18	0	0.19	0.22	0	0.23	0	0.04
1892	5	31	0.01	0	0	0	0	0	0	0	0	0
1892	6	1	0	0	0	0	0	0	0	0	0	0
1892	6	2	0	0	0	0	0.8	0	0.35	0	0.06	0
1892	6	3	0	0.33	0.02	0	0.02	0.03	0	0.2	0	0
1892	6	4	0.02	0	0	0	0.07	0.13	0.03	0	0.03	0.2
1892	6	5	0.05	0	0.07	0.36	0	0	1.35	0.08	0.31	0.03
1892	6	6	0.11	0	0.15	0	0	0.02	0.09	0	0.3	0
1892	6	7	0	0	0	0	0	0	0	0	0	0
1892	6	8	0.2	0	0	0	0.01	0	0.15	0	0	0
1892	6	9	0.95	0.31	0.12	0	0.06	0.35	0.17	0.2	0.05	0
1892	6	10	0.01	0	0	0	0	0	0	0	0	0
1892	6	11	0	0	0	0	0	0	0	0	0	0

1892	6	12	0	0	0	0.02	0	0	0.06	0	0	0
1892	6	13	0	0	0	0	0	0	0	0	0	0
1892	6	14	0.47	0.01	0.2	0.06	0.08	0	0.06	0.3	0	0.27
1892	6	15	0	0.11	0.02	0	0	0	0	0	0	0
1892	6	16	0	0	0	0.1	0.03	0	0.1	0	0.2	0
1892	6	17	0.22	0.73	0.79	0.32	0	0.24	0.08	1.1	0.12	0
1892	6	18	0	0	0	0	0.01	0	0	0	0	0
1892	6	19	0.01	0	0	0.38	0	0	0.94	0	0.7	0.14
1892	6	20	0	0	0.15	0.59	0.03	0.03	2.14	0	0.63	0.11
1892	6	21	0	0	0	0.47	0.11	0	0.02	0	0.01	0
1892	6	22	0	0	0.18	0.02	0.12	0.1	0.01	0.41	0.4	0.24
1892	6	23	0.06	0.02	0.3	0.3	0.27	0.04	0.06	0	0.01	0
1892	6	24	0	0	0.62	0.43	0	0.4	0.21	0	0	0.03
1892	6	25	0.21	0.99	1.16	0.62	0.01	1.11	0.44	2.45	0.3	0.7
1892	6	26	0	0.08	0.23	0	0	0.1	0.34	0	0.7	1.27
1892	6	27	0.09	0.17	0.07	0.08	0.53	0.1	0.61	0.56	0.3	0.5
1892	6	28	0.01	0.3	0.52	1.91	2.01	0.12	0.08	0	1.5	1.55
1892	6	29	0	0	0	0	0	0	0.26	0	0.4	0.52
1892	6	30	0.37	0	0	0.01	0.25	0.23	0.45	0	0.7	0.47
1892	7	1	0.28	0.13	0.07	0	0.03	0.02	0	0	0	0
1892	7	2	0	0	0	0	0	0	0	0	0	0
1892	7	3	1.61	0.53	1.18	0.83	0.55	1.16	0.99	1.8	1.86	0.4
1892	7	4	0	0.17	0.14	0.55	0.51	0	0.3	0	0.7	0.87
1892	7	5	0	0	0	0	0	0.01	0	0	0	0
1892	7	6	0	0	0	0	0	0.02	0	0	0	0
1892	7	7	0	0	0	0	0	0	0	0	0	0
1892	7	8	0.08	0	0.03	0	0.29	0	0.21	0	0.01	0.13
1892	7	9	0.4	0.01	0.03	0.72	0.46	0.41	0.58	0	1.1	0.7
1892	7	10	0	0.04	0.01	0	0	0	0	0	0	0
1892	7	11	0	0	0	0	0	0	0	0	0	0
1892	7	12	0	0	0	0	0	0	0	0	0	0
1892	7	13	0	0	0	0	0.06	0	0	0	0.95	0.27
1892	7	14	0	0	0	0	0	0	0	0	0	0
1892	7	15	0	0.1	0	0	0	0	0.02	0	0	0
1892	7	16	0	0.15	0.26	0	0.2	0.18	0.12	0.48	0.43	0.37
1892	7	17	0	0	0	0.02	0	0	0	0	0	0
1892	7	18	0	0	0	0	0	0	0	0	0	0
1892	7	19	0	0	0	0	0.02	0	0	0	0.01	0
1892	7	20	0	0	0	0	0	0	0.01	0	0	0
1892	7	21	0	0	0	0	0	0	0	0	0	0
1892	7	22	0.5	0	0	0.1	0	0	0.04	0	0.02	0
1892	7	23	0.07	0	0.04	0	0.02	0	0	0	0	0
1892	7	24	0	0	0	0	0	0	0	0	0	0

1892	7	25	0.09	0.32	0	0	0.4	0	0.14	0	0.02	0
1892	7	26	0.13	0	0	0.03	0	0	0	0	0	0.3
1892	7	27	0	0	0	0	0	0	0	0	0	0
1892	7	28	0	0	0	0	0	0.12	0.11	1.2	0.4	0.1
1892	7	29	0.03	0.01	0	0	0.53	0.56	0.43	0	1.91	0.25
1892	7	30	0	0.15	0.92	0.2	0	0	0	0	0	0.08
1892	7	31	0.02	0.95	0	0	1.15	0.02	0	0	0.25	0
1892	8	1	0	0.07	0.01	0	0	0.2	0	0.44	0	0
1892	8	2	0.45	0	0	0	0.08	0	0.02	0	0.05	0.1
1892	8	3	0.36	0.38	0.34	0.32	0.24	0.4	0.03	0.4	0	0
1892	8	4	0	0	0	0	0.01	0.04	0	0	0.17	0
1892	8	5	0.51	0.13	0.49	0.13	0.61	0.57	0	0.7	0	0
1892	8	6	0	0	0.27	0	0.12	0.24	0.21	0	0.66	0.12
1892	8	7	0	0	0	0	0	0	0	0	0	0
1892	8	8	0	0	0	0	0	0	0	0	0	0.2
1892	8	9	0.78	0	0.26	0.02	0.03	0.06	0.04	0.19	0.87	0
1892	8	10	0.02	0	0	0	0.22	0	0.61	0	1.31	0
1892	8	11	0.45	0	0.02	0	1.02	0.14	1.04	2.48	1.18	0.6
1892	8	12	0.67	2.29	2.46	0	0.83	3.1	0.75	0	1.84	0.5
1892	8	13	0	0	0.04	0	0	0.03	0.13	0	0.02	0.1
1892	8	14	0	0	0	2.82	0	0	0.01	0	0.1	0.15
1892	8	15	0	0	0	0	0	0	0	0	0	0
1892	8	16	0	0	0	0	0	0	0	0	0	0
1892	8	17	0	0	0	0	0	0	0	0	0	0
1892	8	18	0	0	0	0	0	0	0	0	0	0
1892	8	19	0	0	0	0	0.04	0	0	1.15	0	0
1892	8	20	0	0	0.03	0	0.1	0	0	0	0.04	0.1
1892	8	21	0	0	0	0	0	0	0	0	0	0
1892	8	22	0	0	0	0	0	0	0	0	0	0
1892	8	23	0	0	0	0	0	0	0	0	0	0
1892	8	24	0	0	0	0	0	0	0.02	0	0.67	0.12
1892	8	25	0.62	0.02	1.16	0	1.74	0.76	2.05	4.36	0.77	1.7
1892	8	26	0.15	0.71	1.3	2.3	1.28	0.67	0	0	0.11	0
1892	8	27	0.04	1.1	1.7	0	0.22	2.77	0	0	0.52	1.5
1892	8	28	0	0	0.04	0.71	0	0	0	0	0	0
1892	8	29	0	0	0	0	0	0	0	0	0	0
1892	8	30	0	0	0	0	0	0	0	0	0	0
1892	8	31	0.11	0.17	0.02	0	0.16	0.02	0.33	0.09	0.05	0.02
1892	9	1	0	0.03	0	0	0	0	0	0	0	0
1892	9	2	0	0	0	0	0	0	0	0	0	0
1892	9	3	0	0	0	0	0	0	0	0	0	0
1892	9	4	0	0	0	0	0	0	0	0	0	0
1892	9	5	0	0.06	0	0	0.04	0	0.09	0	0.05	0

1892	9	6	0.16	0.02	0.51	0.51	0.8	0.42	0.11	0.53	0	0
1892	9	7	0	0	0	0	0	0	0.1	0	0.31	0.1
1892	9	8	0	0	0	0	0	0	0	0	0	0
1892	9	9	0	0	0	0	0	0	0	0	0	0
1892	9	10	0	0	0	0	0	0	0	0	0	0
1892	9	11	0	0	0.02	0	0	0	0	0	0	0
1892	9	12	0	0	0.01	0	0	0	0	0	0	0
1892	9	13	0.09	0	0	0	0.01	0	0.16	0	0.01	0
1892	9	14	0.76	0.54	0.61	1.5	0.59	0.9	0.82	0.98	0.6	0.4
1892	9	15	0	0.75	0.96	1.83	0	0	0	0	0	0
1892	9	16	0	0	0	0	0	0	0	0	0	0
1892	9	17	0	0	0	0	0	0	0	0	0	0
1892	9	18	0	0	0	0	0	0	0	0	0	0
1892	9	19	0	0	0.12	0.02	0.01	0	0.42	0	1.05	0.2
1892	9	20	0	0.01	0	0	0	0	0	0	0	0
1892	9	21	0	0	0	0	0	0	0	0	0	0
1892	9	22	0.05	0	0	0	0.04	0	0.08	0	0.16	0
1892	9	23	0	0	0	0	0.01	0	0.04	0	0.02	0.03
1892	9	24	0	0	0	0	0.49	0.19	0.03	0.36	0	0
1892	9	25	0	0.01	0	0	0	0.01	0	0	0	0.6
1892	9	26	0	0.48	0.66	1.12	0.09	0.46	1.17	1.27	0.95	0.09
1892	9	27	0	0	0	0	0	0	0	0	0	0
1892	9	28	0	0	0	0	0	0	0	0	0	0
1892	9	29	0	0	0	0	0	0	0	0	0	0
1892	9	30	0	0	0	0	0	0	0	0	0.07	0
1892	10	1	0	0	0	0	0.01	0	0	0	0	0
1892	10	2	0	0	0	0	0	0	0	0	0	0
1892	10	3	0	0	0.15	0	0	0.02	0.38	0	0.1	0
1892	10	4	0	0.12	0.1	0.21	0.08	0.08	0	0.27	0.08	0.1
1892	10	5	0.21	1.72	0.02	0	0.03	0	0	0	0	0
1892	10	6	0	0	0	0	0	0	0	0	0	0
1892	10	7	0	0	0	0	0	0	0.02	0	0	0
1892	10	8	0.04	0	0	0	0.01	0	0	0	0.02	0
1892	10	9	0.21	0.05	0.46	0.22	0.27	0.2	0	0.22	0	0
1892	10	10	0	0.01	0	0	0	0	0.02	0	0	0
1892	10	11	0	0	0	0	0	0	0.02	0	0	0
1892	10	12	0	0	0	0	0	0	0	0	0	0
1892	10	13	0	0	0	0	0	0	0	0	0	0
1892	10	14	0	0	0	0	0.01	0	0	0	0	0
1892	10	15	0	0	0	0	0	0	0.22	0.4	0.26	0
1892	10	16	0.07	0.25	0.27	0	0.01	0.24	0.05	0	0.04	0
1892	10	17	0	0	0	0	0	0.09	0	0	0	0
1892	10	18	0	0	0	0	0	0	0	0	0	0

1892	10	19	0	0	0.02	0	0.09	0.05	0.4	0	0.34	0
1892	10	20	0	0	0	0	0	0	0	0	0	0.3
1892	10	21	0	0	0	0	0	0.01	0	0	0	0.08
1892	10	22	0	0	0	0	0	0	0	0	0	0
1892	10	23	0	0	0	0	0	0	0.04	0	0	0
1892	10	24	0	0	0	0	0	0	0	0	0	0
1892	10	25	0	0	0	0	0	0	0	0	0.16	0
1892	10	26	0	0.07	0.2	0	0.01	0.27	0.16	0.48	0.03	0
1892	10	27	0	0	0.16	0.38	0	0	0.02	0	0.12	0
1892	10	28	0	0	0	0	0	0	0.01	0	0	0
1892	10	29	0.06	0.09	0.26	0	0.05	0.32	0.27	0.3	0.09	0.2
1892	10	30	0	0	0	0.44	0.03	0.01	0	0	0.11	0
1892	10	31	0	0	0	0	0	0	0	0	0	0
1892	11	1	0	0	0.02	0.07	0	0	0.05	0	0.27	0
1892	11	2	0	0.2	0.46	0.53	0.35	0.25	0.73	0.51	0.61	0.24
1892	11	3	0.18	0.39	0.25	0	0.05	0.15	0.03	0	0.28	0.1
1892	11	4	0.11	0	0.05	0	0.13	0.28	0.09	0	0.06	0
1892	11	5	0	0.15	0.65	0.47	0	0.24	0.55	0.32	0.28	0
1892	11	6	0	0	0	0	0	0	0	0	0	0
1892	11	7	0	0	0	0	0	0.03	0.08	0.26	0	0
1892	11	8	0.11	0.1	0.1	0.11	0.04	0.1	0.05	0	0.18	0
1892	11	9	0.67	0	0	0	0	0	0	0	0	0.1
1892	11	10	1.31	1.66	0.64	1.01	0.15	0.86	0.73	0.74	0.38	0
1892	11	11	0	0	0	0	0	0	0	0	0	0
1892	11	12	0	0	0	0	0	0	0.15	0	0.02	0
1892	11	13	0	0	0	0	0	0	0.03	0	0	0
1892	11	14	0	0	0	0	0	0	0	0	0	0
1892	11	15	2.43	0.03	0	0	0	0.16	0	0	0	0
1892	11	16	0.76	1.08	1.16	0.87	1.31	1.65	0.45	2.14	0.34	0.7
1892	11	17	0	0	0.03	0	0	0	0	0	0.6	0
1892	11	18	0.46	0.2	0.01	0	0.16	0.35	0.41	0.4	0	0.08
1892	11	19	0	0.04	0.08	0.68	0	0	0	0	0.18	0.12
1892	11	20	0	0	0	0	0	0	0	0	0	0
1892	11	21	0.04	0	0	0	0	0	0.02	0	0	0
1892	11	22	0	0	0	0	0	0	0.05	0	0	0
1892	11	23	0	0	0	0	0	0	0.06	0	0	0
1892	11	24	0	0	0	0.01	0	0	0.08	0	0.03	0
1892	11	25	0	0	0	0	0.01	0	0.01	0	0.05	0
1892	11	26	0	0	0	0	0	0	0	0	0	0
1892	11	27	0	0	0	0	0	0	0	0	0	0
1892	11	28	0.4	0.07	0	0	0.09	0	0	0	0	0
1892	11	29	0.63	0.31	0	0	0	0	0	0	0	0
1892	11	30	0.04	0.22	0.31	0.4	0	0.26	0	0.31	0	0

1892	12	1	0	0.02	0.02	0.11	0	0.03	0.01	0	0.1	0
1892	12	2	0	0	0	0	0	0	0	0	0	0
1892	12	3	0	0.01	0	0	0.08	0.03	0.08	0	0.08	0
1892	12	4	0	0	0	0	0	0	0.04	0	0.02	0
1892	12	5	0	0	0	0	0	0	0	0	0	0
1892	12	6	0.01	0.04	0	0	0.16	0.06	0.11	0	0.18	0.08
1892	12	7	0	0.08	0.18	0	0	0	0	0.66	0	0
1892	12	8	0.46	0.3	0.64	0.58	0.41	0.6	0.76	0	0.14	0
1892	12	9	0	0.31	0.09	0	0.01	0	0	0	0	0
1892	12	10	0	0.02	0.01	0	0	0	0	0	0	0
1892	12	11	0	0	0	0	0	0	0.05	0	0	0
1892	12	12	0	0	0	0	0	0	0.02	0	0	0
1892	12	13	0.32	0	0	0	0	0	0	0	0.33	0.2
1892	12	14	0.24	0.26	0.29	0	0.14	0.3	0.49	0.34	0.03	0
1892	12	15	0	0	0.04	0.38	0	0	0.04	0	0	0
1892	12	16	0	0	0	0	0	0	0.02	0	0	0
1892	12	17	0	0	0	0	0	0	0	0	0	0
1892	12	18	0	0	0	0	0	0	0.03	0.03	0	0
1892	12	19	0	0	0.05	0	0	0.02	0.25	0	0	0
1892	12	20	0.25	0.08	0	0	0	0	0	0	0.01	0
1892	12	21	0	0	0	0	0	0	0.03	0	0	0
1892	12	22	0	0	0	0	0	0	0	0	0	0
1892	12	23	0.01	0	0	0	0	0	0	0	0.04	0.1
1892	12	24	0	0	0	0	0	0	0	0	0	0
1892	12	25	0.01	0	0	0.05	0.02	0	0.1	0	0.07	0
1892	12	26	0	0	0	0	0	0	0	0	0	0
1892	12	27	0	0	0	0	0	0	0	0	0	0
1892	12	28	0	0	0	0	0	0	0	0	0	0
1892	12	29	0	0	0	0	0	0	0	0	0	0
1892	12	30	0	0	0	0	0	0	0	0	0	0
1892	12	31	0	0	0	0	0	0	0	0	0	0
1893	1	1	1.32	0.2	0.12	0	0.48	1.44	0.67	0	0.24	0.5
1893	1	2	0	0.8	0.7	1.33	0.12	0	0.35	1.51	0	0
1893	1	3	0	0	0	0	0	0	0	0	0	0
1893	1	4	0	0	0	0	0	0	0	0	0	0
1893	1	5	0.12	0.2	0	0	0	0	0	0	0	0
1893	1	6	0.15	0.5	0.11	0	0	0.05	0	0.05	0.05	0
1893	1	7	0	0	0	0	0	0	0	0	0	0
1893	1	8	0	0	0	0	0	0	0	0	0.02	0
1893	1	9	0.08	0.16	0.24	0	0.08	0.22	0.22	0	0.02	0
1893	1	10	0.02	0.26	0.38	0.74	0.08	0.23	0.14	0	0	0.49
1893	1	11	0	0	0.04	0	0	0	0	0	0	0
1893	1	12	0.19	0	0	0	0.02	0	0	0	0	0

1893	1	13	0	0	0	0	0	0	0	0	0	0
1893	1	14	0.06	0	0	0	0	0	0	0	0.01	0
1893	1	15	0.05	0.1	0.04	0	0.06	0.01	0	0	0	0
1893	1	16	0	0.02	0	0	0	0	0	0.59	0.03	0
1893	1	17	0	0	0	0	0	0	0	0	0	0
1893	1	18	0	0	0	0	0	0	0	0	0	0
1893	1	19	0	0	0.01	0	0	0	0.08	0	0	0
1893	1	20	0	0	0	0	0	0	0.03	0	0.04	0
1893	1	21	0	0	0	0	0	0	0	0	0	0
1893	1	22	0	0	0	0	0	0	0	0	0	0
1893	1	23	0	0.01	0	0	0	0.01	0.04	0	0.02	0
1893	1	24	0	0	0.02	0	0.04	0	0.06	0	0.01	0
1893	1	25	0	0.07	0.13	0.21	0.02	0.21	0.32	0.28	0	0.15
1893	1	26	0	0	0	0	0	0	0	0	0	0
1893	1	27	0	0	0	0	0	0	0	0	0	0
1893	1	28	0	0	0	0	0	0.03	0.25	0	0.12	0.15
1893	1	29	0.32	0.23	0.35	0.43	0.21	0.32	0.18	0.46	0.04	0.34
1893	1	30	0.02	0	0	0	0	0	0	0	0	0
1893	1	31	0	0.01	0.05	0	0.2	0.07	0.06	0.03	0.03	0
1893	2	1	0.46	0.01	0.01	0.11	0.11	0	0.04	0.17	0	0
1893	2	2	0.11	0.17	0.17	0	0.09	0.11	0	0	0	0.14
1893	2	3	0.03	0.29	0.38	0.24	0.14	0.42	0.59	0.45	0.2	0.3
1893	2	4	0	0	0	0	0	0	0	0	0	0
1893	2	5	0	0	0	0	0	0	0	0	0	0
1893	2	6	0.59	0.15	0.46	0.56	0.13	0.4	0.55	0.51	0.07	0.15
1893	2	7	0.1	0.2	0.18	0	0.22	0	0.16	0	0.01	0
1893	2	8	0	0	0	0	0	0	0	0	0	0
1893	2	9	0.11	0	0	0	0	0.8	0	0	0	0
1893	2	10	0.46	0.92	0.92	1.02	0.11	0	0.36	1.05	0.11	0.3
1893	2	11	0	0	0	0	0	0	0	0	0	0
1893	2	12	0	0	0	0	0	0	0	0	0	0
1893	2	13	1.61	1.13	0.2	0	0.9	1.56	0	0	0	0.24
1893	2	14	0	0.28	0.58	0.64	0.3	0	0	1.47	0	0
1893	2	15	0	0	0	0	0	0	0.07	0	0	0.05
1893	2	16	0	0	0	0	0	0	0	0	0.02	0
1893	2	17	0.56	0	0	0	0	0	0	0	0	0
1893	2	18	0.16	0.87	0.2	0.08	0.62	0.31	0.08	0	0.16	0.12
1893	2	19	0.01	0.04	0.02	0	0	0	0.33	1	0	0
1893	2	20	0	0.24	0.82	1.4	0.13	0.61	0	0	0.14	0.54
1893	2	21	0.12	0	0	0	0	0	0	0	0	0
1893	2	22	1.36	1.4	0.3	0.75	1.48	0.6	0.29	0	0.45	1
1893	2	23	0	0	0	0	0.02	0	0	0	0.01	0
1893	2	24	0	0.18	0.26	0	0.23	0.24	0	1	0.03	0

1893	2	25	0.05	0.15	0	0	0.09	0.04	0	0	0.01	0
1893	2	26	0	0.15	0.01	0	0	0	0	0	0	0
1893	2	27	0	0	0	0	0	0	0	0	0	0
1893	2	28	0.41	0.04	0	0	0.06	0.39	0.12	0	0.03	0.01
1893	3	1	0.06	0.3	0.2	0	0.02	0	0	0.41	0	0
1893	3	2	0	0	0	0	0	0	0	0	0	0
1893	3	3	0	0	0	0	0.04	0	0	0	0	0
1893	3	4	0.2	0.09	0	0	0.04	0	0	0	0.02	0.2
1893	3	5	0	0	0	0	0	0	0	0	0	0
1893	3	6	0	0	0	0	0	0	0	0	0	0
1893	3	7	0.01	0	0	0	0	0	0	0	0	0
1893	3	8	0	0	0	0	0	0	0	0	0	0
1893	3	9	1.7	1.21	0.34	0	0.55	0.23	0	0	0	0
1893	3	10	0	0.05	0	0	0.01	0	0	0	0	0
1893	3	11	0.04	0	0	0	0.04	0.23	0.18	0	0	0.2
1893	3	12	0.38	0.21	1.17	1.98	0.54	0.76	0.65	1.1	0.2	0
1893	3	13	0	0	0	0	0	0	0	0	0.01	0
1893	3	14	0.72	0	0	0	0.1	0.4	0.23	0	0.03	0
1893	3	15	0.1	0.78	1.44	0.92	0.36	0.9	0.23	1.32	0.13	0.2
1893	3	16	0	0	0	0	0	0	0.02	0	0.08	0.18
1893	3	17	0	0	0	0	0	0	0.02	0	0	0
1893	3	18	0	0	0	0	0	0	0	0	0	0
1893	3	19	0	0	0	0	0	0	0	0	0	0
1893	3	20	0	0	0	0	0	0	0	0	0	0
1893	3	21	0.04	0.03	0.01	0	0.05	0.01	0.18	0.04	0.01	0.21
1893	3	22	0.1	0	0	0	0.01	0	0.02	0	0	0
1893	3	23	0.18	0.06	0	0	0.19	0	0.09	0	0.01	0
1893	3	24	0.01	0.07	0.32	0.11	0	0.05	0.21	0	0.03	0.1
1893	3	25	0	0	0	0	0	0	0.01	0	0	0
1893	3	26	0	0	0	0	0	0	0	0	0	0
1893	3	27	0	0	0	0	0	0	0	0	0	0
1893	3	28	0	0	0.04	0	0	0	0	0	0	0
1893	3	29	0	0	0	0	0	0	0	0	0.01	0
1893	3	30	0	0	0.04	0.17	0.05	0	0.08	0	0	0.03
1893	3	31	0	0	0.02	0	0	0	0	0	0	0
1893	4	1	0	0.01	0.01	0	0	0.01	0.4	0.12	0	0
1893	4	2	0	0	0	0	0	0	0	0	0	0
1893	4	3	0	0	0.02	0.15	0	0	0.14	0	0	0
1893	4	4	0	0.04	0.23	0.18	0.16	0.28	0.14	0.1	0.01	0
1893	4	5	0	0.02	0.11	0	0	0	0	0	0	0
1893	4	6	0	0.31	0	0	0.2	0	0	0	0	0
1893	4	7	0.87	0.34	0.2	0	0.18	0.35	0.21	0.71	0.09	0.08
1893	4	8	0	0.49	0.49	0.82	0.06	0.23	0.14	0	0.05	0.08

1893	4	9	0	0	0	0	0	0	0	0	0	0
1893	4	10	0.05	0	0	0	0	0	0	0	0	0
1893	4	11	0	0	0	0	0	0	0	0	0	0
1893	4	12	0	0	0	0	0	0	0	0	0	0
1893	4	13	0.05	0	0.02	0.05	0.01	0.04	0.04	0.1	0	0.12
1893	4	14	1.12	0.06	0.01	0	0.15	0.2	0	0	0.03	0.1
1893	4	15	0.23	0.74	0.8	0.61	0.49	0.53	0.54	0	1	0.45
1893	4	16	0	0	0.02	0	0	0	0	0.49	0	0
1893	4	17	0	0	0	0	0	0	0	0	0	0
1893	4	18	0	0	0	0	0.01	0	0.09	0	0.02	0
1893	4	19	0.01	0	0	0	0	0	0	0	0	0
1893	4	20	1.96	0.1	0	0	0.48	0.05	0	0	0	0.04
1893	4	21	0.15	0.7	1.44	0	0.1	0.52	0.18	0.67	0.3	0.2
1893	4	22	0	0.05	0.03	0.55	0	0.03	0	0	0.06	0
1893	4	23	0	0	0.01	0	0	0.02	0.08	0	0.04	0.05
1893	4	24	0	0	0	0	0	0	0	0.08	0	0
1893	4	25	0.14	0.09	0.08	0	0.08	0.05	0	0	0.1	0.02
1893	4	26	0	0	0	0	0	0	0	0	0	0
1893	4	27	0.61	0.17	0.2	0.15	0.15	0.13	0.2	0	0	0.01
1893	4	28	0	0	0.04	0	0.01	0	0	0.1	0	0
1893	4	29	0	0	0	0	0	0	0	0	0	0
1893	4	30	0	0.01	0	0	0.02	0.03	0	0	0	0
1893	5	1	0.41	0.2	0.06	0	0.57	0.33	0.15	0	0.7	0.3
1893	5	2	0	0.03	0.14	0.5	0.05	0.02	0.47	2.02	0.16	0.1
1893	5	3	1.09	0.32	0.09	0	0.25	0.76	0.03	0	0.5	0.6
1893	5	4	2.02	2.71	2.08	0.92	2.17	0.97	0.94	0	0.25	0.1
1893	5	5	0.29	0	0.02	0	0	0	0.23	0	0.2	0.1
1893	5	6	0.15	0	0.06	0.03	0	0.01	0.09	0	0.17	0.05
1893	5	7	0	0	0	0	0	0	0	0	0	0
1893	5	8	0	0	0	0	0	0	0	0	0	0
1893	5	9	0	0	0	0	0	0	0	0	0	0
1893	5	10	0	0	0	0	0	0	0	0	0	0
1893	5	11	0	0	0	0	0	0	0	0	0	0
1893	5	12	0	0	0	0	0	0	0	0	0	0
1893	5	13	0.11	0.33	2.43	0	0.23	0.08	0.01	0	0	0.15
1893	5	14	0	0.06	0.7	1.9	0.51	0.33	0.05	0.51	0	0
1893	5	15	0.02	0	0.02	0	0	0	0.16	0	0	0.04
1893	5	16	0.54	0.09	0.03	0	0.23	1.05	0.05	0	0.22	0.15
1893	5	17	0.01	1.05	1.81	1.31	0.12	0.32	0.18	1.31	0.1	0
1893	5	18	0	0.03	0.1	0	0.16	0.06	0.23	0	0.13	0
1893	5	19	0	0	0.01	0	0	0	0.04	0	0.2	0
1893	5	20	0	0	0	0.01	0	0	0.01	0	0	0
1893	5	21	0	0	0	0	0	0	0	0	0	0

1893	5	22	0	0	0	0	0	0	0	0	0	0
1893	5	23	0.11	0	0	0	0.29	0.02	0.13	0	0.34	0.3
1893	5	24	0	0.02	0	0	0.21	0	0	0.3	0	0
1893	5	25	0	0	0	0	0	0	0.31	0	0.1	0
1893	5	26	0	0.02	0	0	0	0	0	0	0	0
1893	5	27	0.01	0.05	0	0	0.19	0.15	0.07	0	0.05	0
1893	5	28	0.01	0.31	0.04	0	0	0	0.11	0	0	0
1893	5	29	0	0	0	0	0	0	0	0	0	0
1893	5	30	0	0	0	0	0.1	0.05	0.09	0.07	0.05	0.1
1893	5	31	0	0.01	0	0	0	0	0	0	0	0
1893	6	1	0	0	0	0	0	0	0	0	0	0
1893	6	2	0	0	0	0	0	0	0.06	0	0	0
1893	6	3	0	0.05	0	0	0	0	0.68	0	0	0
1893	6	4	0	0	0	0.45	0.48	0.01	1.35	0	0.13	0
1893	6	5	0	0	0	0	0	0	0.02	0	0	0
1893	6	6	1.11	0	1.4	0.81	1.06	0.41	0.46	0.3	0.1	0.7
1893	6	7	0	0.02	0.31	0	0	0	0	0	0	0
1893	6	8	0	0	0	0	0	0	0	0	0	0
1893	6	9	0	0	0	0	0	0	0	0	0	0
1893	6	10	0	0	0	0	0	0	0	0	0	0
1893	6	11	0.01	0	0	0.16	0.39	0.04	0.43	0.35	0.78	0.74
1893	6	12	0	0.07	0.09	0.12	0	0	0.07	0	0.13	0
1893	6	13	0	0.08	0.11	0	0	0	0	0	0	0
1893	6	14	0	0.14	0.24	0.04	0	0.12	0	0	0	0
1893	6	15	0	0	0	0	0	0	0	0	0	0
1893	6	16	0	0	0	0	0	0	0	0	0	0
1893	6	17	0.07	0.24	0.44	0.06	0.05	0.16	0.32	0.26	0	0
1893	6	18	0	0.04	0.06	0	0	0	0.08	0	0	0
1893	6	19	0	0	0	0	0	0	0.06	0	0	0
1893	6	20	0	0	0	0.04	0	0	0	0	0	0
1893	6	21	0	0	0	0	0	0	0	0	0	0
1893	6	22	0.32	0.79	0.03	0	0.42	0.46	0.07	0.56	0.01	0.05
1893	6	23	0.22	0.67	0.69	0	0.26	0.79	0.52	0	0.42	0.3
1893	6	24	0	0.1	0.25	0.98	0	0.19	0.49	0	0.15	0
1893	6	25	0	0	0	0.11	0.06	0	0.4	0	0	0
1893	6	26	0.78	0	0	0.2	0.15	0	0	0	0	0
1893	6	27	0.08	0	0	0	0.05	0	0	0	0.01	0
1893	6	28	0	0	0	0	0	0	0	0	0	0
1893	6	29	0	0	0	0	0	0	0	0	0	0
1893	6	30	0	0	0	0	0	0	0	0	0	0.04
1893	7	1	0	0	0	0	0	0	0	0	0.01	0
1893	7	2	0	0	0	0	0.02	0	0	0	0	0
1893	7	3	0.06	0	0	0	0.43	0	0.26	0	0.01	0

1893	7	4	0	0	0	0.75	0	0	0.23	0	0	0
1893	7	5	0.05	0	0	0	0.02	0.3	0.24	0.15	0.4	0.2
1893	7	6	0	0.14	0.04	0.14	0	0	0	0	0	0
1893	7	7	0	0	0	0	0	0	0	0	0	0
1893	7	8	0.22	0	0	0	0.5	0.31	0.91	0.38	0.07	0
1893	7	9	0	0	0.08	0	0	0	0	0	0	0
1893	7	10	0	0	0	0	0	0	0	0	0.05	0
1893	7	11	0	0	0	0	0	0	0	0	0	0
1893	7	12	0	0.03	0	0	0.18	0.08	0	0	0	0.21
1893	7	13	0.02	0.01	0	0.14	0	0	0.04	0	0	0
1893	7	14	0	0	0	0	0	0	0	0	0	0
1893	7	15	0	0	0	0	0	0	0.18	0	0.16	0
1893	7	16	0.11	0	0	0	0	0	0	0	0	0
1893	7	17	0	0	0.04	0	0.02	0	0.17	0.16	0.19	1.43
1893	7	18	0	0.23	0.02	0	0	0	0	0	0	0
1893	7	19	0	0.02	0	0.06	0.03	0	0.02	0	0	0
1893	7	20	0	0	0	0	0	0	0	0	0	0
1893	7	21	0	0	0	0	0	0	0	0	0	0
1893	7	22	0	0.38	0.28	0.08	0.03	1	0.25	0.9	0.76	1.11
1893	7	23	0	0.69	0	0.07	0.01	0.23	0.18	0	0.59	0.05
1893	7	24	0	0	0	0	0	0	0	0	0	0
1893	7	25	0	0.09	0.12	0	0	0.8	0.19	0.74	0.41	0.34
1893	7	26	0.45	0.08	0.16	0.28	0.35	0.36	1.82	0	0.21	0.1
1893	7	27	0	0.03	0	0	0	0	0.04	0	0.11	0
1893	7	28	0	0	0	0	0	0	0	0	0	0
1893	7	29	0.22	0.02	0.22	0.28	0.23	0.05	0.05	0.04	0.12	0.15
1893	7	30	0	0	0	0	0	0	0	0	0	0
1893	7	31	0	0	0	0	0	0	0.01	0	0	0
1893	8	1	0.01	0.01	0	0.05	0	0	0.03	0	0.17	0
1893	8	2	0	0	0.04	0	0	0	0	0	0	0
1893	8	3	0	0	0	0	0	0	0	0	0	0
1893	8	4	0	0	0	0	0	0	0	0	0	0
1893	8	5	0.23	1.87	0.22	0.13	0	0.16	0.06	0.04	0	0
1893	8	6	0	1.07	0	0.07	0.6	0	0.07	0	0.15	0.43
1893	8	7	0	1.21	0.01	0.21	1.51	0	0.29	0.36	2.5	0.49
1893	8	8	0	0	0.03	0	0	0	0	0	0	0.9
1893	8	9	0	0	0	0	0	0	0	0	0	0
1893	8	10	0	0	0	0	0	0	0	0	0	0
1893	8	11	0	0	0	0	0	0	0	0	0	0
1893	8	12	0.09	0	0	0	0	0.81	0.02	0.56	0.3	0
1893	8	13	0	0.01	0.04	0	0.01	0.12	0	0	0.02	0
1893	8	14	0	0	0	0	0	0	0	0	0	0
1893	8	15	0	0	0	0	0	0	0	0	0	0

1893	8	16	0	0	0	0.02	0	0	0	0	0	0
1893	8	17	0.23	0.09	0.05	0	0.22	0.56	0.02	0	0.55	0.31
1893	8	18	0	0.03	0.46	0.3	0	0.12	0.05	0.54	0.31	0.1
1893	8	19	1.34	0.02	0	0	0	0.35	0.09	0	0.07	0
1893	8	20	2.47	0.02	0.01	0	0.01	0.01	0	0.62	0.09	0
1893	8	21	0	1.65	0.94	1.07	0	0.27	0.71	0	0	0
1893	8	22	0	0	0.02	0	0	0	0.05	0	0.16	0
1893	8	23	0.33	0	0	0	0	0	0	0.47	0	0
1893	8	24	3.61	0.17	0.5	0.61	2.62	0.6	2.2	0	2.35	2.95
1893	8	25	0	0	0	0.15	0	0.01	0.02	0	0	0
1893	8	26	0	0	0	0	0.34	0	0	0	0.02	0.2
1893	8	27	0	0.07	0.02	0	0	0.12	0	0.1	0.03	0.6
1893	8	28	0	0	0	0	1.36	0.13	0.4	0	0.1	0
1893	8	29	0.41	0.24	0.4	0.66	0.54	0.85	3.36	0.75	1.49	1.08
1893	8	30	0	0	0	0	0	0	0	0	0	0
1893	8	31	0	0	0	0	0	0	0	0	0	0
1893	9	1	0.12	0	0	0	0	0	0	0	0	0
1893	9	2	0.01	0.37	0.07	0.11	0.01	0	0.19	0	0.19	0
1893	9	3	0	0	0	0	0	0.02	0.02	0.06	0	0.34
1893	9	4	0	0	0	0	0.04	0	0	0	0	0
1893	9	5	0	0	0	0.14	0	0	0.06	0	0	0
1893	9	6	0	0	0.04	0	0	0	0	0	0	0.25
1893	9	7	0.6	0.02	0.4	0.71	0.64	0.54	0.41	0.65	0.1	0.08
1893	9	8	0	0.32	0.4	0	0	0	0	0	0	0
1893	9	9	0	0	0	0	0	0	0	0	0	0
1893	9	10	0	0	0	0	0	0	0	0	0	0
1893	9	11	0	0	0	0	0	0	0	0	0	0
1893	9	12	0	0	0	0	0	0	0	0	0	0
1893	9	13	0	0	0	0	0	0	0	0	0	0
1893	9	14	0.06	0	0	0	0	0	0	0	0	0
1893	9	15	0.65	0.02	0.13	0.07	1.28	0.16	0.02	0	0.25	0.1
1893	9	16	0.18	0.54	0.6	1.41	0.34	0.3	0.42	0.94	1.15	0.6
1893	9	17	0	0.01	0.04	0	0	0	0.43	0	0.2	0
1893	9	18	0	0	0.09	0	0	0	0.21	0	0	0
1893	9	19	0.11	0.19	0	0	0.23	0	0	0	0.02	0
1893	9	20	0	0	0	0	0	0	0.09	0	0.1	0
1893	9	21	0	0	0	0	0	0	0	0	0	0
1893	9	22	0.01	0	0.08	0.13	0.01	0.11	0.11	0.24	0.09	0
1893	9	23	0.04	0.02	0	0	0.01	0	0	0	0	0
1893	9	24	0	0	0.04	0	0.01	0	0	0	0	0
1893	9	25	0.14	0.05	0.23	0.28	0.06	0.25	0.44	0.35	0.33	0.2
1893	9	26	0	0.02	0.06	0	0	0	0	0	0	0
1893	9	27	0	0	0	0	0	0	0	0	0	0

1893	9	28	0	0	0.01	0	0	0	0	0	0	0
1893	9	29	0	0.01	0.13	0.38	0.57	0	0	0.3	0.02	0
1893	9	30	0	0.02	0.01	0	0	0	0	0	0	0
1893	10	1	0	0	0.09	0.16	0	0	0	0	0	0
1893	10	2	0	0	0	0	0	0	0	0	0	0
1893	10	3	0	0	0	0	0	0	0	0	0	0
1893	10	4	0.01	0.01	0.04	0.02	0	0.06	0.04	0	0	0
1893	10	5	0	0	0	0	0	0	0.05	0	0	0
1893	10	6	0	0	0	0	0	0	0	0	0	0.08
1893	10	7	0.39	0	0.38	0.48	0.16	0.55	0.22	0.88	0.03	0
1893	10	8	0	0	0.01	0	0	0	0	0	0	0
1893	10	9	0	0	0.04	0.39	0	0	0.29	0	0.02	0
1893	10	10	0	0	0	0	0	0	0	0	0	0
1893	10	11	0	0	0	0	0	0	0	0	0	0
1893	10	12	0	0	0	0	0	0.97	0	0	0	0
1893	10	13	0.68	0	0	0	0	0	0	0	0	0.2
1893	10	14	0.02	0.8	0.3	1.02	0.49	0	0.46	1.03	0.69	0.15
1893	10	15	0	0	0	0	0	0	0.06	0	0	0
1893	10	16	0	0	0	0	0	0	0	0	0	0
1893	10	17	0	0	0	0	0	0	0	0	0	0
1893	10	18	0	0	0	0	0	0	0	0	0	0
1893	10	19	0	0	0	0	0	0	0	0	0	0
1893	10	20	0	0	0	0	0	0	0	0	0.01	0
1893	10	21	0	0	0	0	0	0	0	0	0	0
1893	10	22	0.02	0	0	0	0	0	0	0	0	0
1893	10	23	2.46	0.49	0.53	0	0.25	0	0	2.73	0.01	0
1893	10	24	0	1.4	2.66	2.88	0.03	0.76	0.16	0	0.07	0
1893	10	25	0	0	0	0	0	1.6	0.01	0	0	0
1893	10	26	0	0	0	0	0	0	0	0	0	0
1893	10	27	0.85	0	0.01	0	0.15	0.35	0.48	0.95	0.03	0.2
1893	10	28	0.87	0.24	1.07	0.95	0.57	0.48	0.4	0	0.87	0.3
1893	10	29	0	0	0	0	0.02	0	0	0	0	0
1893	10	30	0	0	0	0	0	0	0	0	0	0
1893	10	31	0	0	0	0	0	0	0	0	0	0
1893	11	1	0	0	0	0	0	0	0	0	0	0
1893	11	2	0	0	0	0	0	0	0.05	0	0	0
1893	11	3	0.02	0	0.06	0.07	0.02	0.02	0.33	0.23	0.14	0
1893	11	4	1.44	0.43	0.18	0.05	0.06	0.3	0	0	0	0
1893	11	5	0.02	0.22	0.04	0	0	0	0	0	0	0.05
1893	11	6	0	0	0	0	0	0	0	0	0	0
1893	11	7	0	0	0	0	0	0	0	0	0	0
1893	11	8	0.01	0	0	0	0	0	0	0	0	0.08
1893	11	9	0.03	0	0	0	0	0	0	0	0	0

1893	11	10	0	0	0	0	0	0	0	0	0	0
1893	11	11	0	0	0	0	0	0	0	0	0	0
1893	11	12	0	0	0	0	0	0	0	0	0	0
1893	11	13	0	0	0	0	0	0	0.04	0	0.04	0
1893	11	14	0	0	0	0	0	0	0	0	0	0
1893	11	15	0.39	0.21	0.16	0.27	0.16	0.15	0	0.11	0.02	0.2
1893	11	16	0	0	0	0	0	0	0	0	0	0
1893	11	17	0	0	0	0	0	0	0	0	0	0
1893	11	18	0	0	0	0	0.03	0	0.09	0	0.14	0
1893	11	19	0	0	0	0	0	0	0	0	0.04	0
1893	11	20	0	0.02	0	0	0	0.16	0.09	0.11	0.11	0
1893	11	21	0.5	0	0	0	0	0	0	0	0	0
1893	11	22	0.49	0.56	1.02	0.8	0.16	1	0.34	0.76	0.15	0
1893	11	23	0	0	0	0	0	0	0.06	0	0.11	0
1893	11	24	0	0	0	0	0	0	0.03	0	0	0
1893	11	25	0	0	0	0	0	0	0	0	0	0
1893	11	26	0	0	0	0	0	0	0	0	0	0
1893	11	27	0	0	0	0	0	0	0	0	0	0
1893	11	28	0.65	0.39	0.37	0.64	0.48	0.9	0.56	0.64	0.62	0.67
1893	11	29	0	0	0	0	0	0	0.18	0	0.15	0
1893	11	30	0	0	0	0	0	0	0.12	0	0	0
1893	12	1	0.09	0.36	0.3	0.24	0.13	0.26	0.15	0.4	0.16	0.1
1893	12	2	0	0	0.04	0	0	0	0	0	0	0
1893	12	3	1.19	0.9	0.85	0	0.67	1.65	0.95	1.39	0.59	0.58
1893	12	4	0.03	0.79	0.6	1.25	0	0	0	0	0	0
1893	12	5	0.16	0.57	0.2	0.3	0.17	0.2	0	0	0	0
1893	12	6	0	0.26	0.44	0	0.03	0.06	0	0.25	0	0
1893	12	7	0	0	0	0	0	0	0.04	0	0.02	0
1893	12	8	0	0	0	0	0	0	0	0	0	0
1893	12	9	0.2	0.33	0.02	0.08	0	0.11	0	0	0	0
1893	12	10	0	0.03	0.08	0	0.02	0	0.28	0	0.04	0.9
1893	12	11	0	0	0	0	0	0	0	0	0	0
1893	12	12	0	0.02	0.24	0.36	0.05	0.22	0.44	0.28	0.12	0.08
1893	12	13	0	0	0	0	0	0	0	0	0.02	0
1893	12	14	0.05	0	0	0	0.1	0.1	0	0	0	0
1893	12	15	0.34	0.61	0.34	0	0.32	0.31	0.37	1.15	0.4	0.35
1893	12	16	0.67	0.82	1	0	0.57	0.45	0.46	0	0.42	0.5
1893	12	17	0	0.08	0.13	1.59	0	0.2	0.08	0	0.08	0
1893	12	18	0	0	0	0	0	0	0.09	0	0	0
1893	12	19	0	0.07	0.29	0.27	0	0.1	0.41	0.05	0.03	0
1893	12	20	0	0	0.01	0	0	0	0	0	0	0
1893	12	21	0	0	0	0	0	0	0.03	0	0	0
1893	12	22	0	0	0	0	0	0	0.01	0	0	0

1893	12	23	0	0.03	0.22	0.38	0.12	0.16	0.21	0.2	0	0.2
1893	12	24	0	0	0	0	0.01	0	0.15	0	0.27	0.3
1893	12	25	0	0	0.08	0.19	0.02	0	0.63	0.02	0	0.1
1893	12	26	0.07	0	0	0	0	0	0	0	0.05	0
1893	12	27	0	0	0	0	0	0	0.1	0	0	0
1893	12	28	0.01	0	0.06	0.07	0	0.08	0.26	0	0.04	0
1893	12	29	0.11	0.06	0.09	0.08	0.13	0	0.02	0.05	0	0.1
1893	12	30	0.07	0.14	0	0	0.01	0	0	0	0	0
1893	12	31	0.09	0.09	0.43	0.32	0.19	0.13	0.12	0.13	0.05	0
1894	1	1	0	0	0	0	0	0	0.02	0	0	0
1894	1	2	0	0	0	0	0	0	0.01	0	0	0
1894	1	3	0	0	0	0	0	0	0	0	0	0
1894	1	4	0	0	0	0	0.1	0	0.21	0	0.01	0
1894	1	5	0	0.03	0.32	0.51	0.26	0.46	0.18	0.54	0.3	0.25
1894	1	6	0	0	0.02	0	0.14	0.08	0.15	0	0.06	0
1894	1	7	0	0.03	0.08	0	0.01	0	0.12	0	0	0
1894	1	8	0	0	0	0	0	0	0	0	0	0
1894	1	9	0	0	0	0	0	0	0	0	0	0
1894	1	10	0.11	0.08	0.01	0	0.14	0.09	0	0.43	0.04	0
1894	1	11	0.02	0.08	0.11	0.47	0.01	0.11	0.18	0	0	0.1
1894	1	12	0	0.08	0.16	0	0.03	0	0	0	0	0
1894	1	13	0	0	0	0	0	0	0	0	0	0
1894	1	14	0.06	0	0	0	0.08	0	0	0	0	0
1894	1	15	0.14	0	0	0	0.12	0.1	0.2	0	0.04	0.18
1894	1	16	0.08	0.26	0.38	0.36	0.37	0.18	0.21	0.33	0.07	0
1894	1	17	0	0	0	0	0	0	0	0	0	0
1894	1	18	0	0	0	0	0	0	0.12	0	0	0.1
1894	1	19	0.11	0.13	0.13	0	0.1	0.22	0	0.19	0.06	0
1894	1	20	0	0	0	0	0	0	0	0	0	0
1894	1	21	0.02	0	0	0	0.03	0	0.05	0	0	0
1894	1	22	0	0	0	0	0	0.02	0	0	0	0
1894	1	23	0	0	0	0	0	0	0	0	0	0
1894	1	24	0.09	0.08	0.1	0.51	0.04	0.25	0.33	0	0.15	1
1894	1	25	0.07	0.34	0.33	0	0.02	0	0	0.25	0	0
1894	1	26	0.1	0	0	0	0	0	0.01	0	0	0
1894	1	27	0.27	0.8	0.31	0.2	0.26	0	0.09	0	0.1	0.3
1894	1	28	0	0	0	0	0	0.4	0.01	0	0.03	0
1894	1	29	0.54	0.36	0	0	0.25	0	0.08	0	0.01	0
1894	1	30	0.4	0.74	1.18	1.25	0.58	0.76	0.85	0	0.25	0.6
1894	1	31	0	0	0	0	0	0	0	0	0	0
1894	2	1	0.07	0	0	0	0.02	0	0	0	0	0
1894	2	2	0	0	0	0	0	0	0	0	0	0
1894	2	3	0	0	0	0	0	0	0.01	0	0	0

1894	2	4	0.06	0.11	0.08	0	0.08	0.13	0	0.13	0	0
1894	2	5	0	0.07	0.04	0	0	0	0	0	0	0
1894	2	6	0	0	0	0	0	0	0	0	0	0
1894	2	7	0	0	0	0	0	0	0	0	0	0
1894	2	8	0	0	0.04	0.04	0.01	0.01	0.22	0.06	0.1	0
1894	2	9	0.67	0.28	0	0	0.39	0.35	0.03	0	0.08	0.3
1894	2	10	0	0.26	0.48	0.42	0.13	0.19	0.23	0.54	0.08	0.3
1894	2	11	0	0	0	0	0	0	0.1	0	0	0
1894	2	12	0.53	0.16	0	0	0.39	0	0	0	0.01	0
1894	2	13	0.23	0.72	1.15	0.12	0.61	0.75	0	1.3	0.24	1
1894	2	14	0.03	0	0	0	0	0	0.02	0	0.02	0
1894	2	15	0.65	0.86	0.8	0.61	0.91	0.73	0.27	0.89	0.44	1.1
1894	2	16	0	0	0	0	0.03	0	0	0	0	0
1894	2	17	0	0	0	0	0	0	0	0	0	0
1894	2	18	0.44	0.28	0.04	0.61	0.03	0.03	0.13	0.45	0	0.2
1894	2	19	0.2	0.16	0	0	0	0	0	0	0	0
1894	2	20	0.09	0.14	0.04	0	0	0	0	0	0	0
1894	2	21	0	0	0.03	0.19	0.01	0.06	0.02	0.07	0.02	0.15
1894	2	22	0	0	0	0	0	0	0	0	0	0
1894	2	23	0	0	0	0	0	0	0	0	0	0
1894	2	24	0	0	0	0	0	0	0	0	0	0
1894	2	25	0.04	0	0	0	0	0	0	0	0	0
1894	2	26	0.92	0.11	0	0	0	0	0	0	0	0
1894	2	27	0	0	0	0	0	0	0	0	0	0
1894	2	28	0	0	0	0	0	0	0	0	0	0
1894	3	1	0	0	0	0	0	0	0	0	0	0
1894	3	2	0	0	0	0	0.01	0	0.04	0	0	0
1894	3	3	0	0	0	0	0	0	0	0	0	0
1894	3	4	0	0	0	0	0	0	0	0	0	0
1894	3	5	0	0	0	0	0	0	0	0	0	0
1894	3	6	0	0	0	0	0	0	0	0	0	0
1894	3	7	0	0	0.01	0	0	0	0.32	0.05	0	0
1894	3	8	0	0	0	0	0.01	0	0	0	0	0
1894	3	9	0.04	0	0	0.05	0.04	0.03	0	0	0.02	0
1894	3	10	0	0.01	0.04	0.05	0.02	0	0	0.03	0	0
1894	3	11	0.11	0.01	0.02	0	0.1	0	0.05	0	0	0
1894	3	12	0	0.01	0	0	0	0	0	0	0	0
1894	3	13	0.01	0	0	0	0.01	0	0.24	0	0.02	0
1894	3	14	0	0.1	0.66	0.29	0.01	0	0.27	0.44	0	0.18
1894	3	15	0.14	0.07	0	0	0.11	0.09	0	0	0	0
1894	3	16	0	0.01	0.01	0	0.01	0	0.08	0	0	0
1894	3	17	0	0	0	0	0	0	0	0	0	0
1894	3	18	0	0	0	0.06	0	0	0.26	0	0.1	0

1894	3	19	0.03	0	0	0	0.01	0	0.12	0	0	0
1894	3	20	0	0	0	0	0	0	0	0	0	0
1894	3	21	0.09	0.04	0.08	0.2	0	0.25	0.28	0	0.15	0.25
1894	3	22	0.19	0.03	0.03	0	0.14	0.18	0	0.18	0.22	0
1894	3	23	0.35	0.48	0.72	0.49	0.36	0.5	0.43	0	0.8	0.02
1894	3	24	0	0	0	0	0	0	0	0	0	0
1894	3	25	0.07	0.01	0.19	0.24	0	0.1	0	0.06	0	0
1894	3	26	0.03	0.02	0.11	0	0	0	0	0	0	0
1894	3	27	0	0	0	0	0	0	0	0	0	0
1894	3	28	0	0	0	0	0	0	0	0	0	0
1894	3	29	0.29	0.2	0.1	0.06	0.01	0.01	0.02	0.05	0	0
1894	3	30	0	0.02	0	0	0.01	0	0	0	0	0
1894	3	31	0	0	0	0	0	0	0.08	0	0	0
1894	4	1	0	0	0	0	0	0	0.04	0	0	0
1894	4	2	0	0	0	0	0	0	0	0	0	0
1894	4	3	0	0	0	0	0	0	0	0	0	0
1894	4	4	0.69	0.31	0.22	0.26	0.04	0.18	0.13	0.35	0.09	0.2
1894	4	5	0	0.13	0.03	0	0.02	0	0.01	0	0	0
1894	4	6	0	0.02	0	0.04	0.05	0	0	0	0	0
1894	4	7	0.03	0	0	0	0.05	0	0	0	0	0
1894	4	8	0.05	1.18	0.54	0	0.17	0.34	0	0.29	0.04	0
1894	4	9	0	0.13	0.26	0.75	0.02	0	0	0	0	0
1894	4	10	0.03	0	0	0	0	0	0	0	0	0
1894	4	11	0.88	0	0	0	0.01	0	0	0	0	0
1894	4	12	0.04	1.44	0.72	0.47	0	0.29	0	0.19	0	0
1894	4	13	0	0.3	0.16	0.12	0	0	0	0	0	0
1894	4	14	0	0	0	0	0	0	0	0	0	0
1894	4	15	0	0	0	0	0	0	0	0	0	0
1894	4	16	0	0	0	0	0	0	0	0	0	0
1894	4	17	0	0	0	0	0	0	0	0	0	0
1894	4	18	0	0	0	0	0	0	0	0	0	0
1894	4	19	0	0	0	0	0	0.01	0	0	0	0
1894	4	20	0.02	0	0	0	0.36	0.01	0.38	0	0.09	0.3
1894	4	21	0.35	0.03	0.1	0.05	0.72	0.03	0.01	0	0.4	0
1894	4	22	0.09	0.07	0.25	0.09	0.36	0.32	0	0.51	0.2	0.08
1894	4	23	0	0	0.01	0	0.16	0	0.14	0	0.04	0.2
1894	4	24	0	0.04	0.14	0.08	0.04	0.46	0	0.29	0	0
1894	4	25	0	0.13	0	0	0	0	0	0	0	0
1894	4	26	0	0	0	0	0	0	0	0	0	0
1894	4	27	0	0	0	0	0	0	0	0	0	0.1
1894	4	28	0.01	0	0.11	0	0.02	0	0	0.07	0	0
1894	4	29	0	0	0.01	0	0	0	0	0	0	0
1894	4	30	0	0	0	0	0	0	0	0	0	0

1894	5	1	0	0	0.04	0.07	0	0	0	0	0	0
1894	5	2	0	0.02	0	0	0	0	0.01	0	0	0
1894	5	3	0	0	0	0	0	0	0	0	0	0
1894	5	4	0	0.08	0	0.33	0.12	0.18	0.1	0.52	0.12	0
1894	5	5	0.11	0.22	0.27	0	0	0	0	0	0	0
1894	5	6	0.29	0.44	0.33	0	0.06	0.2	0.39	0	0.85	0.3
1894	5	7	0.06	0	0.04	0.17	0.3	0.02	0.45	0	0	0
1894	5	8	0	0	0.11	0	0.01	0.04	0.02	0	0	0
1894	5	9	0	0	0	0	0	0	0	0	0	0
1894	5	10	0	0	0	0	0	0	0	0	0	0
1894	5	11	0	0	0.01	0.04	0.06	0.07	0.12	0.07	0	0
1894	5	12	0	0	0	0	0	0	0	0	0	0
1894	5	13	0	0	0	0	0	0	0	0	0	0
1894	5	14	0	0	0	0	0	0	0	0	0	0
1894	5	15	0	0	0	0	0	0	0	0	0	0
1894	5	16	0	0	0	0	0	0	0	0	0	0
1894	5	17	0	0	0	0	0	0	0	0	0	0
1894	5	18	0.43	0.01	0.07	0	0.13	0.23	0.57	0.45	0.25	0
1894	5	19	0.03	0.69	1.17	2.42	0.25	0.3	0.12	0	0.08	0
1894	5	20	0.21	0.04	0.67	0	0.04	0.49	0	0	0	0
1894	5	21	0.07	0	0	0	0	0	0	0	0	0
1894	5	22	0.71	0	0	0	0	0	0	0	0	0
1894	5	23	0.03	0.03	0.02	0	0.14	0.53	0	0.35	0.32	0.2
1894	5	24	0.8	1.1	0.23	0	1.36	0.7	0.09	0	0.02	0.45
1894	5	25	0.12	0.05	2.74	0	0.63	0.69	0.51	0.73	0.43	0.08
1894	5	26	0	0	0.18	1.35	0.05	0	0	0	0	0
1894	5	27	0	0	0	0	0.01	0	0	0	0	0
1894	5	28	0.67	0	0	0	0.84	0	0.85	0	0.4	0
1894	5	29	0	0.85	1.02	1	0.24	1.14	0.32	1.5	0.7	1.12
1894	5	30	0.06	0	0.2	0	0.06	0	0	0	0.03	0.05
1894	5	31	0.14	0.62	0.23	0.46	0.34	0.2	0.18	0.23	0.28	0.12
1894	6	1	0	0.17	0.3	0	0.03	0.04	0.38	0	0.18	0.4
1894	6	2	0.11	0.04	0.01	0.39	0.08	1.07	0.29	0.8	0.15	0
1894	6	3	0.06	0.14	0.24	0.08	0	0.01	0.15	0	0.1	0
1894	6	4	0.14	0	0.08	0	0	0.03	0.01	0.31	0	0
1894	6	5	0.03	0	0	0	0.05	0.04	0.27	0	0.2	0.27
1894	6	6	0.16	0	0	0	0	0	0	0.07	0	0
1894	6	7	0	0.11	0	0	0	0	0	0	0	0
1894	6	8	0	0	0	0	0	0	0	0	0	0
1894	6	9	0	0	0	0	0	0	0	0	0	0
1894	6	10	0	0	0	0	0	0	0	0	0	0
1894	6	11	0	0	0.65	0.24	0	0	0	0	0	0
1894	6	12	0	0	0	0.02	0	0	0	0	0	0

1894	6	13	0	0	0	0	0	0	0	0	0	0
1894	6	14	0	0	0	0	0	0	0	0	0	0
1894	6	15	0	0	0	0	0	0	0	0	0	0
1894	6	16	0	0	0	0.06	2.12	0	0	0	0	0
1894	6	17	0	0	0	0	0	0	0.06	0	0	1.17
1894	6	18	0	0	0.35	0.09	0	0	0.3	0.16	0.04	0.2
1894	6	19	0.33	0	0.01	0.08	0.41	0.45	0.16	0	0.04	0.4
1894	6	20	0	0	0.03	0	0.13	0	0.03	0	0	0
1894	6	21	0	0.33	0	0	0.24	0.12	0	0.25	0	0
1894	6	22	0	0	0	0	0	0	0	0	0	0
1894	6	23	0	0	0	0.18	0	0.11	0.06	0	0	0
1894	6	24	0	0	0	0	0.07	0	0	0	0.03	0.2
1894	6	25	0	0	0	0	0	0	0.3	0	0.01	0
1894	6	26	0	0	0	0	0.16	0	1	0	0.01	0.47
1894	6	27	0	0	0.31	0.04	0	0	0.94	0.03	0.67	0.2
1894	6	28	0	0	0	0	0	0	0	0	0	0.3
1894	6	29	0	0.01	0.03	0	0	0	0	0	0	0.33
1894	6	30	0.15	0	0	0	0	0.02	0	0.02	0	0
1894	7	1	0	0	0	0	0	0	0	0	0	0
1894	7	2	0	0	0	0	0	0	0.15	0	0.15	0.23
1894	7	3	0.06	0.18	0.1	0.52	0.1	1.17	0.89	0.52	0.12	0
1894	7	4	0.02	0.01	0	0	0.22	0.02	0.08	0	0	0.05
1894	7	5	0	0	0	0	0	0	0.01	0	0	0
1894	7	6	1.25	0	0	0	0.56	0.15	0	0.37	0.16	0.63
1894	7	7	0	0.04	0	0.09	0.74	0.01	0.23	0	0	0.23
1894	7	8	0	0	0	0	0	0	0	0	0	0
1894	7	9	0	0	0.02	0	0	0	0.03	0	0.09	0
1894	7	10	0	0	0	0.13	0	0.01	0	0.12	0.03	0.05
1894	7	11	0	0	0	0.18	0.03	0	0	0	0.2	0.05
1894	7	12	0	0.01	0.06	0.03	0.09	0.05	0.09	0	0.13	0.05
1894	7	13	0	0	0	0	0	0.04	0.34	0	0.13	0
1894	7	14	0.11	0.05	0.35	0	0.38	0.07	0	0.36	0.01	0.2
1894	7	15	0.04	0	0.15	0.15	0	0	0	0	0.01	0.15
1894	7	16	0.01	0	0	0	0	0	0	0	0	0
1894	7	17	0	0	0	0	0	0	0	0	0	0
1894	7	18	0	0	0	0	0	0	0	0	0	0
1894	7	19	0	0	0	0	0	0	0	0	0	0
1894	7	20	0	0	0	0	0	0	0.13	0	0	0
1894	7	21	0.21	0.73	0.13	0.02	0.02	0.03	0.34	0	0.23	0
1894	7	22	0.01	0.4	0.64	0	0.28	0.4	0.01	0.34	0	0
1894	7	23	0.01	0	0	0	0	0	0	0	0	0
1894	7	24	0.03	1.12	1.36	0.95	0.11	0.77	0.41	0.5	0.25	0.1
1894	7	25	0	0.45	0.01	0	0.03	0	0	0	0	0

1894	7	26	0	0.06	0.03	0	0	0	0	0	0	0
1894	7	27	0	0	0	0	0	0	0	0	0	0
1894	7	28	0	0	0	0	0.16	0	0	0	0	0
1894	7	29	0.46	0	0	0.17	0.23	0.08	0.01	0	0.04	0.95
1894	7	30	0	0.04	0.11	0.03	0.01	0.09	0.1	0.03	0.02	0
1894	7	31	0	0	0	0	0	0	0	0	0	0
1894	8	1	0	0	0	0	0	0	0	0	0	0
1894	8	2	0	0	0	0	0.12	0	0.12	0.6	0.81	1.55
1894	8	3	0.56	0.11	2.25	2.1	0.69	0.24	0	0	0.22	0.1
1894	8	4	0.04	0.04	0.01	0	0	0.01	0	0	0	0
1894	8	5	0	0	0	0	0	0	0	0	0	0
1894	8	6	0	0	0	0	0	0	0	0	0	0
1894	8	7	0	0	0	0	0.06	0	0	0.05	0	0
1894	8	8	0	0	0	0	0	0.04	0.02	0	0	0
1894	8	9	0.04	0.51	0.12	0.27	0.02	0.04	0.59	0	0.24	0
1894	8	10	0	0.02	0	0	0.01	0	0.01	0	0	0
1894	8	11	0	0	0	0	0	0	0	0	0	0
1894	8	12	0.02	0	0	0	0.01	0	0.4	0	0.02	0
1894	8	13	0	0.2	0.1	0.24	0.01	0.14	0.11	0.27	0	0
1894	8	14	0	0.05	0	0	0	0	0	0	0	0
1894	8	15	0.43	0	0.11	0.18	0.04	0.07	0.36	0.11	0	0.5
1894	8	16	0	0	0.06	0	0.04	0	0	0.05	0	0
1894	8	17	0	0	0	0	0	0	0	0	0	0
1894	8	18	0	0	0	0.09	0	0	0.02	0	0	0
1894	8	19	0	0	0	0.02	0	0	0	0	0	0
1894	8	20	0.08	2.1	0.55	0.19	0.44	0.04	0	0	0	0.2
1894	8	21	0	0	0	0	0	0	0	0	0	0
1894	8	22	0	0	0	0	0	0	0	0	0	0
1894	8	23	0	0	0	0	0	0	0	0	0	0
1894	8	24	0	0	0	0	0	0	0	0	0	0
1894	8	25	0	0	0	0	0.7	0	0.05	0	0	0
1894	8	26	0	0	0.04	0	0	0	0	0	0	0
1894	8	27	0	0	0	0	0	0	0.06	0	0	0
1894	8	28	0	0	0	0	0	0	0	0	0	0
1894	8	29	0	0	0	0	0	0	0	0	0	0
1894	8	30	0	0	0	0	0.12	0.07	0	0.27	0	0
1894	8	31	0	0	0.03	0	0	0	0.05	0	0	0
1894	9	1	0	0	0	0	0	0	0	0	0	0
1894	9	2	0	0	0	0	0	0	0	0	0	0
1894	9	3	0	0	0	0	0	0	0	0	0	0
1894	9	4	0	0	0	0	0	0	0.15	0	0	0
1894	9	5	0	0	0	0.84	0	0	0.1	0	0.6	0
1894	9	6	0	0.09	0	0	0.21	0	0	0	0	0

1894	9	7	0	0	0	0	0	0	0	0	0	0
1894	9	8	1.79	0.25	0.4	0	0.12	0.4	0.29	0.28	0.21	0
1894	9	9	0	0	0.11	0.3	0	0.02	0.01	0	0	0
1894	9	10	0.54	0	0.28	0.88	0.64	0.33	0.22	1.51	0.49	0.35
1894	9	11	0	0	0.12	0	0	0.22	0	0	0	0
1894	9	12	0	0	0	0	0	0	0	0	0	0
1894	9	13	0	0	0	0	0	0	0	0	0	0.4
1894	9	14	0.29	0	0.03	0	0.38	0	0.11	0	0.4	0
1894	9	15	0.13	0.09	0.28	0	0.1	0	0	0	0	0.2
1894	9	16	0.68	0	0.02	0	0.8	0.02	0.07	0	0.14	0.24
1894	9	17	0	0.12	0.04	0.07	0.09	0.27	0	0.29	0	0
1894	9	18	0.86	0	0.01	0	0	0	0	0	0	0
1894	9	19	4.3	0.25	0.14	0	0.71	0.12	0.04	0	0.25	0
1894	9	20	0.09	1.34	1.33	1.72	0.99	0.88	1.65	0.75	0.67	0.71
1894	9	21	0	0	0	0	0	0	0.01	0	0	0
1894	9	22	0	0	0	0	0	0	0	0	0	0
1894	9	23	0	0	0	0	0.12	0	0.04	0	0.01	0
1894	9	24	0	0	0	0	0.02	0	0	0	0.02	0
1894	9	25	0	0	0	0	0	0	0	0	0.09	0
1894	9	26	0	0	0	0	0	0	0	0	0	0
1894	9	27	0	0	0	0	0	0	0.04	0	0	0
1894	9	28	0	0	0	0	0	0	0	0	0	0
1894	9	29	0	0	0	0	0	0	0	0	0	0
1894	9	30	0	0	0	0	0	0	0	0	0	0
1894	10	1	0	0	0	0	0	0	0.1	0	0	0
1894	10	2	0	0	0	0	0	0.02	0	0	0	0
1894	10	3	0	0	0	0	0	0.1	0.36	0	0.1	0.6
1894	10	4	0.41	0.2	0.76	0.46	0.94	0.52	0.04	0.51	0.05	0.4
1894	10	5	0.03	0.22	0.15	0.15	0.12	0.12	0.08	0	0.3	0
1894	10	6	0	0	0.01	0	0	0	0	0	0	0
1894	10	7	0	0	0	0	0	0	0	0	0	0
1894	10	8	0	0	0	0	0	0	0.44	0	0	0
1894	10	9	0	0.28	0.04	0.1	0.3	0	0.01	1	0.15	0
1894	10	10	1.67	1.25	1.34	0.91	1.89	0.81	0.98	0	0.35	1
1894	10	11	0	0	0	0	0	0	0.18	0	0.06	0
1894	10	12	0	0	0	0	0	0	0	0	0	0
1894	10	13	0.47	0.7	0.22	0	0.06	0.18	0.56	0	0.06	0.5
1894	10	14	0	0.42	0.7	1.31	0.01	0.01	0.1	0.55	0.16	0
1894	10	15	0	0	0	0	0	0	0	0	0	0
1894	10	16	0	0	0	0.03	0	0	0.3	0	0.02	0.26
1894	10	17	0	0	0.02	0	0.03	0	0.03	0	0.04	0
1894	10	18	0	0	0	0	0.01	0	0	0	0	0
1894	10	19	0	0	0	0	0	0	0	0	0	0

1894	10	20	0	0	0	0	0	0	0.01	0	0.02	0
1894	10	21	0	0	0	0	0	0	0	0	0	0
1894	10	22	0	0	0	0	0	0	0	0	0	0
1894	10	23	0	0	0	0	0.02	0	0.06	0	0	0
1894	10	24	1.69	0	0.42	0	0.25	0.08	0	0	0.03	0
1894	10	25	0	0.33	0.08	0	0.06	0.03	0	0	0	0
1894	10	26	0.03	1.13	0.2	0.3	0.04	0.08	0.01	0.1	0	0
1894	10	27	0	0	0	0	0	0	0	0	0	0
1894	10	28	0	0	0	0	0	0	0	0	0	0
1894	10	29	0	0	0	0	0	0	0	0	0	0
1894	10	30	0.01	0.04	0	0	0	0.04	0	0	0	0
1894	10	31	1.06	0.54	0.71	0.99	0.89	0.8	0.77	0.61	1.16	0.9
1894	11	1	0	0	0	0	0	0	0.07	0	0	0.9
1894	11	2	0	0	0	0	0	0	0	0	0	0
1894	11	3	1.6	0.46	0.32	0.68	0.43	0.55	0.87	0.5	0.77	1
1894	11	4	0	0	0	0	0	0	0	0	0	0
1894	11	5	1.12	0.6	0.18	0	0.86	0.2	0.05	0	0.8	0.6
1894	11	6	0	0.9	0.19	0.35	0.04	0.12	0	0.27	0	0
1894	11	7	0	0	0	0	0	0	0	0	0	0
1894	11	8	0.55	0.29	0.01	0	0.17	0.1	0	0.52	0	0
1894	11	9	0.02	0.05	0.03	0	0.1	0.01	0.02	0	0.01	0.2
1894	11	10	0.09	0.29	0.49	0.52	0.07	0.36	0.71	0	0.17	0.3
1894	11	11	0	0	0	0	0	0	0.02	0	0	0
1894	11	12	0	0	0	0	0	0	0	0	0	0
1894	11	13	0	0.01	0.18	0	0.03	0.26	0.02	0	0	0
1894	11	14	0.1	0.13	0.23	0.31	0.01	0.03	0.05	0	0.02	0
1894	11	15	0	0	0	0	0.04	0	0.04	0	0	0
1894	11	16	0	0	0	0	0	0	0	0	0	0
1894	11	17	0.17	0.09	0	0	0	0	0	0	0	0.2
1894	11	18	0.04	0	0	0	0	0	0	0	0	0
1894	11	19	0	0.02	0.04	0	0	0.03	0.07	0.44	0.02	0.06
1894	11	20	0	0	0	0	0	0	0	0	0	0
1894	11	21	0.35	0.12	0.19	0.13	0	0.01	0	0	0	0
1894	11	22	0	0	0	0	0	0	0	0	0	0
1894	11	23	0.04	0	0	0	0.02	0.01	0.48	0	0.02	0.08
1894	11	24	0	0	0	0	0	0	0	0	0	0
1894	11	25	0	0.1	0.12	0	0.11	0.05	0.01	0.12	0.12	0.3
1894	11	26	0	0	0	0	0	0	0.04	0	0	0
1894	11	27	0	0.01	0.06	0.22	0	0	0.11	0	0.03	0
1894	11	28	0	0	0	0	0.02	0	0	0	0	0
1894	11	29	0	0	0	0	0	0	0	0	0	0
1894	11	30	0.07	0.03	0.01	0	0.06	0.05	0	0	0	0.15
1894	12	1	0.26	0.02	0	0	0.02	0	0	0.06	0	0.04

1894	12	2	0.54	0.44	0.13	0.3	0.6	0.41	0.01	0.33	0.13	0
1894	12	3	0	0.02	0.07	0	0	0	0.06	0	0.09	0
1894	12	4	0	0	0	0	0	0	0.04	0	0	0
1894	12	5	0	0	0	0	0	0	0	0	0	0
1894	12	6	0	0	0	0	0	0	0	0	0	0
1894	12	7	0	0	0	0	0	0	0.01	0	0.01	0
1894	12	8	0.59	0.03	0	0	0.05	0.18	0.01	0	0	0
1894	12	9	0.04	0.43	0.07	0	0.19	0.28	0.75	0.34	0.24	0.5
1894	12	10	0	0.04	0.02	0	0	0	0	0	0	0
1894	12	11	0.14	0.1	0	0	0.12	0.23	0.08	0	0.08	0.09
1894	12	12	1.52	0.69	0.36	0.63	0.57	0.47	0.55	0.6	0.17	0.5
1894	12	13	0	0	0.02	0	0.01	0	0	0	0	0.4
1894	12	14	0	0	0	0	0	0	0	0	0	0
1894	12	15	0	0	0	0	0	0	0	0	0	0
1894	12	16	0	0	0	0	0	0	0	0	0	0
1894	12	17	0	0	0	0	0.01	0	0	0	0	0
1894	12	18	0	0	0	0	0	0	0	0	0	0
1894	12	19	0	0	0	0	0	0	0	0	0	0
1894	12	20	0	0	0	0	0	0	0	0	0	0
1894	12	21	0.01	0	0	0.02	0	0	0	0	0	0
1894	12	22	0.01	0	0	0	0.01	0	0	0	0	0
1894	12	23	0	0	0	0	0	0	0	0	0	0
1894	12	24	0.04	0	0	0	0	0.03	0	0	0	0
1894	12	25	0.14	0.19	0.2	0.29	0	0	0.12	0	0	0
1894	12	26	0.11	0	0	0	0	0	0	0	0	0
1894	12	27	1.25	2.32	0.88	1.5	1.6	1.27	1.1	0.45	1.2	1
1894	12	28	0	0	0	0	0	0	0	0	0	0
1894	12	29	0	0	0	0.06	0	0	0	0	0	0
1894	12	30	0	0	0	0	0	0	0.12	0	0	0
1894	12	31	0	0	0	0	0	0	0	0	0	0
1895	1	1	0	0	0	0	0	0	0	0	0	0
1895	1	2	0	0	0	0	0	0	0.01	0	0	0
1895	1	3	0	0	0	0	0	0	0	0	0	0
1895	1	4	0	0	0	0.06	0	0.02	0.06	0.07	0	0
1895	1	5	0	0	0	0	0	0	0	0	0	0
1895	1	6	0.75	0.4	0.21	0	0.3	0.6	0.4	0.6	0.16	0.2
1895	1	7	0	0.04	0	0	0.1	0	0.12	0	0	0
1895	1	8	0.25	0.11	0	0	0	0	0	0	0	0
1895	1	9	0.06	0.11	0	0	0	0	0	0	0	0
1895	1	10	0.9	0.32	0.06	0	0.09	0.78	0.32	0.63	0.15	0.15
1895	1	11	0.04	0.73	0.49	0	0.04	0	0.17	0	0	0
1895	1	12	0	0	0	0	0	0	0	0	0	0
1895	1	13	0.11	0.02	0.16	0.49	0.04	0.03	0.13	0.02	0.2	0.1

1895	1	14	0	0	0.22	0	0	0	0.02	0	0	0
1895	1	15	0	0	0	0	0	0	0	0	0	0
1895	1	16	0.53	0.49	0.11	0.15	0.2	0.25	0.01	0.16	0	0
1895	1	17	0	0	0.05	0	0	0	0	0	0.02	0
1895	1	18	0.05	0	0	0	0.03	0	0	0	0	0
1895	1	19	0.08	0.14	0	0	0.4	0	0	0	0	0
1895	1	20	0	0	0	0	0	0	0	0	0	0
1895	1	21	0.05	0.04	0	0	0.02	0.3	0.52	0	0	0
1895	1	22	0	0.18	0.52	0.27	0.03	0.15	0.82	0.36	0.33	0.2
1895	1	23	0	0	0	0.15	0	0	0.01	0	0.02	0.2
1895	1	24	0	0	0	0	0	0	0	0	0.04	0
1895	1	25	0	0	0	0	0	0	0	0	0	0
1895	1	26	1.95	1.06	0.62	1.3	0.38	1.1	0	0.96	0.36	0.6
1895	1	27	0	0	0	0.02	0	0	0	0	0.03	0
1895	1	28	0.09	0	0	0	0	0	0	0	0	0
1895	1	29	0.15	0.15	0.03	0.06	0.02	0.02	0	0	0	0
1895	1	30	0	0	0	0	0	0	0.08	0	0	0
1895	1	31	0	0	0	0	0	0	0	0	0	0
1895	2	1	0	0	0	0	0	0	0.03	0	0	0
1895	2	2	0.16	0.15	0.03	0.06	0.02	0.02	0.08	0	0	0.2
1895	2	3	0	0	0	0	0	0	0	0	0	0
1895	2	4	0	0.11	0.3	0.31	0.08	0.14	0.02	0.15	0.05	0
1895	2	5	0	0.01	0	0	0	0	0	0	0	0
1895	2	6	0	0	0	0	0	0	0.03	0	0	0
1895	2	7	0.17	0	0	0	0.02	0	0	0	0	0
1895	2	8	0.13	0.83	0.5	1	1.48	0.38	1.6	0.41	0.8	1
1895	2	9	0	0	0	0	0	0.02	0.2	0	0.24	0.2
1895	2	10	0	0	0	0	0	0	0	0	0	0
1895	2	11	0	0	0	0	0	0	0.02	0	0	0
1895	2	12	0	0	0	0	0	0	0	0	0.02	0
1895	2	13	0	0	0	0	0	0	0.04	0	0.02	0
1895	2	14	0	0	0	0	0	0	0.03	0	0.02	0
1895	2	15	0	0	0	0	0	0	0	0	0	0
1895	2	16	0	0	0	0	0	0	0	0	0	0
1895	2	17	0	0	0	0	0	0	0	0	0	0
1895	2	18	0	0	0.01	0	0	0	0	0	0	0
1895	2	19	0	0	0	0	0	0	0.02	0	0	0
1895	2	20	0	0	0	0	0	0	0	0	0	0
1895	2	21	0	0	0.02	0.19	0.02	0	0.05	0.01	0	0
1895	2	22	0	0.01	0.08	0.08	0.01	0	0	0	0	0
1895	2	23	0	0	0	0	0	0	0	0	0	0
1895	2	24	0	0	0	0	0	0	0	0	0	0
1895	2	25	0	0	0	0	0	0	0.35	0	0.01	0

1895	2	26	0	0	0	0	0	0	0	0	0	0
1895	2	27	0	0	0	0	0	0	0	0	0	0
1895	2	28	0	0	0	0	0	0	0	0	0	0
1895	3	1	0	0	0.01	0	0.01	0	0.05	0	0.08	0.2
1895	3	2	0.55	0.45	0.46	0.4	0.21	0.32	0	0.28	0.04	0
1895	3	3	0	0	0	0	0	0	0	0	0	0
1895	3	4	0	0	0.14	0.25	0.16	0	0.42	0.19	0.04	0
1895	3	5	0	0.07	0.16	0	0.04	0.3	0.01	0	0.06	0
1895	3	6	0	0.03	0	0	0.01	0.12	0.01	0	0	0
1895	3	7	0.24	0.17	0.16	0	0.08	0.1	0	0.13	0	0
1895	3	8	0.45	0.56	0.44	0.5	0	0.06	0	0	0	0
1895	3	9	0.02	0.01	0	0	0	0	0	0	0	0
1895	3	10	0	0	0	0	0	0	0	0	0	0
1895	3	11	0	0	0	0	0	0	0	0	0.02	0
1895	3	12	0.02	0	0	0	0	0.02	0	0	0	0
1895	3	13	0.33	0	0.01	0.02	0	0.31	0.09	0	0.02	0.1
1895	3	14	0.03	0.8	1.2	1.08	0.36	0.47	0.11	0.79	0	0
1895	3	15	0.28	0.12	0	0	0.05	0.05	0	0	0	0
1895	3	16	0.22	0.06	0.15	0.13	0.01	0	0	0.05	0.16	0
1895	3	17	0	0	0	0	0	0	0.01	0	0	0
1895	3	18	0	0	0.08	0	0	0	0.04	0	0.01	0
1895	3	19	0	0	0	0	0	0	0	0	0	0
1895	3	20	0	0	0	0	0	0	0	0	0	0
1895	3	21	0	0	0	0	0	0	0	0	0	0
1895	3	22	0	0	0	0	0	0	0	0	0	0
1895	3	23	0	0	0	0	0	0	0	0	0	0
1895	3	24	0.01	0	0	0	0.01	0	0.02	0	0	0
1895	3	25	0.02	0.1	0.09	0	0.26	0.13	0.21	0.23	0	0
1895	3	26	0	0	0	0	0	0	0	0	0	0
1895	3	27	0	0	0	0	0	0	0.02	0	0.02	0
1895	3	28	0.09	0.31	0.47	0.1	0.01	0.37	0.02	0.53	0.32	0.6
1895	3	29	0	0	0	0	0	0	0	0	0	0
1895	3	30	0	0.04	0	0	0.1	0.02	0	0	0	0
1895	3	31	0	0	0	0	0	0	0	0	0	0
1895	4	1	0.11	0	0	0	0.04	0.2	0	0.16	0.01	0
1895	4	2	0.3	0	0.02	0	0.04	0	0	0	0.01	0
1895	4	3	0.08	0.4	0.13	0.19	0.01	0.17	0	0.17	0	0
1895	4	4	0	0	0	0	0	0	0	0	0.01	0
1895	4	5	0	0	0	0	0	0	0	0	0	0
1895	4	6	0	0	0	0	0.08	0	0	0	0	0
1895	4	7	0	0	0	0	0	0	0.02	0	0	0
1895	4	8	1.61	0	0.13	0	0.16	0.2	0.61	1.68	0.16	0.05
1895	4	9	0.25	0.86	0.9	1.72	1.37	1.15	1.05	0	0.55	0

1895	4	10	0	0.1	0.97	0.64	0.38	0.14	0	0	0	0
1895	4	11	0	0	0	0	0	0	0	0	0	0
1895	4	12	0	0	0	0	0	0	0.01	0	0.02	0
1895	4	13	0.2	0.06	0.17	0.2	0.15	0.17	0.49	2.84	0.24	0
1895	4	14	0	1.63	1.58	0	0.55	2.14	0.87	0	0.45	0
1895	4	15	0	0.07	1.55	1.91	0.04	0.04	0.32	0	0.15	2
1895	4	16	0	0.06	0.01	0.03	0	0	0	0	0	0
1895	4	17	0	0	0	0	0	0	0	0	0	0
1895	4	18	0	0	0	0	0	0	0	0	0	0
1895	4	19	0	0	0	0	0	0	0	0	0	0
1895	4	20	0	0	0	0	0	0	0	0	0	0
1895	4	21	0	0	0	0	0	0	0	0	0	0
1895	4	22	0.04	0.19	0.05	0.09	0.05	0.06	0.37	0	0.01	0
1895	4	23	0	0.02	0	0.03	0	0	0.02	0	0	0
1895	4	24	0	0	0	0	0	0	0	0	0.04	0
1895	4	25	0	0	0	0	0	0	0	0	0	0
1895	4	26	0	0	0	0	0	0	0	0	0	0
1895	4	27	0.27	0.14	0.4	0	0.18	0.2	0	0.56	0	0
1895	4	28	0	0.01	0	0	0	0	0	0	0	0
1895	4	29	0.09	0	0	0	0	0	0	0	0	0
1895	4	30	0.36	0.11	0.04	0.02	0.04	0.05	0	0	0	0
1895	5	1	0.01	0	0	0	0	0	0	0	0	0
1895	5	2	0	0	0	0	0	0	0	0	0	0
1895	5	3	0	0	0	0	0	0	0	0	0.02	0
1895	5	4	0	0	0.15	0	0	0.04	0	0.11	0	0
1895	5	5	0	0.38	0.01	0	0	0	0	0	0	0
1895	5	6	0	0	0	0	0	0	0	0	0	0
1895	5	7	0	0	0	0	0	0	0.27	0	0	0
1895	5	8	0	0	0	0	0.46	0	0	0	0.52	1
1895	5	9	0.07	0	0.01	0.03	0	0	0	0	0	0
1895	5	10	0	0	0	0	0	0	0	0	0	0
1895	5	11	0	0	0	0	0	0	0.45	0	0	0
1895	5	12	0.05	0.98	0.91	0	0.39	0.85	0.53	0.77	1.36	1.4
1895	5	13	0	0.14	0.19	1.12	0	0	0	0	0	0
1895	5	14	0.26	0	0	0	0.09	0	0	0	0	0
1895	5	15	0	0.59	0	0.09	0.03	0.09	0.1	0.02	0	0
1895	5	16	0	0	0	0	0	0	0	0	0	0
1895	5	17	0	0	0	0	0	0	0	0	0	0
1895	5	18	0.14	0.24	0.05	0.03	0	0	0	0	0	0
1895	5	19	0	0	0	0	0	0	0.66	0	0	0.3
1895	5	20	0	0	0	0	0.16	0	0.01	0	0.21	0
1895	5	21	0.32	0.01	0	0	0	0	0	0	0	0
1895	5	22	0	0	0	0	0	0	0	0	0	0

1895	5	23	0	0	0	0	0	0	0	0	0	0
1895	5	24	0	0	0	0	0	0	0	0	0	0
1895	5	25	0	0	0	0	0	0	0	0	0	0
1895	5	26	0.03	0.12	0.11	0.02	0.04	0.09	0.05	1.11	0.03	0
1895	5	27	1.14	0.25	0.02	0.08	0.49	1.05	0.57	0	0.65	1
1895	5	28	0	0	0.14	0	0.06	0	0.53	0	0.84	0.3
1895	5	29	0	0	0	0	0	0	0	0	0	0
1895	5	30	0	0	0	0	0	0	0.06	0	0	0
1895	5	31	0	0	0	0.13	0	0	0.08	0	0.26	0.1
1895	6	1	0.02	0.03	0	0	0	0	0	0	0	0
1895	6	2	0	0.04	0	0	0	0	0.47	0	0	0
1895	6	3	0	0.09	0.1	0	0.17	0.26	0.06	0.42	0.1	0.3
1895	6	4	0	0.04	0	0	0.23	0	0	0	0.6	0
1895	6	5	0.84	0	0	0	0.01	0	0.43	0	0.03	0
1895	6	6	0.12	0.15	0.43	0.4	0.18	0.37	0	0.17	0	0.3
1895	6	7	0	0	0	0	0	0	0	0	0	0
1895	6	8	0	0	0	0	0	0	0	0	0	0
1895	6	9	0	0	0	0	0	0	0	0	0	0
1895	6	10	0	0	0	0.12	0	0	0	0	0	0
1895	6	11	0	0	0	0	0	0	0	0	0	0
1895	6	12	0	0	0	0	0.05	0	0.12	0	0	0
1895	6	13	0	0	0	0.02	0.18	0.04	0.49	0	0.07	0.75
1895	6	14	0	0	0	0	0	0	0.06	0.19	0.05	0
1895	6	15	0	0	0.06	0.1	0	0	0	0	0	0
1895	6	16	0	0	0.02	0	0	0	0	0	0	0
1895	6	17	0	0	0	0	0	0	0	0	0	0
1895	6	18	0	0	0	0	0	0	0	0	0	0
1895	6	19	0	0	0	0	0	0	0	0	0	0
1895	6	20	0	0	0	0	0	0	0	0	0	0
1895	6	21	0	0	0	0	0.44	0	0.71	0	1.22	0.15
1895	6	22	0	0	0.1	0.1	0.06	0.25	0	0.77	0	0
1895	6	23	0.03	0	0	0.2	0.06	0.01	0.41	0	0.33	0
1895	6	24	0.17	0	0.01	0	0.07	0	0	0	0	0
1895	6	25	0	0.22	0.36	0.14	0.03	0.2	0	0.14	0	0
1895	6	26	0	0	0.01	0	0.01	0	0	0	0	0
1895	6	27	0.41	0.21	0.19	0.02	0.08	0.13	0.99	0	0.28	0.2
1895	6	28	0.05	0.9	0.66	0	0.11	0.59	0	1.25	0.03	0.15
1895	6	29	0.35	0	0.03	0.91	0	0.1	0	0	0	0.25
1895	6	30	0.48	0.05	0	0	0.04	0.03	0	0	0.07	0
1895	7	1	0.15	0.05	0.18	0.1	0.38	0	0	0	0	0
1895	7	2	0	0	0	0	0	0	0	0	0	0
1895	7	3	0	0	0	0	0	0	0	0	0	0
1895	7	4	1.2	0.31	0	0	0	0	0	0	0	0

1895	7	5	0.47	0.04	0.02	0	0.04	0.35	0	0.79	0	0
1895	7	6	0.01	0.3	0.06	0.05	0.69	0.6	0	0	0	0
1895	7	7	0	0	0	0	0	0	0	0	0	0
1895	7	8	0	0	0	0	0	0	0	0	0	0
1895	7	9	0	0.91	1.15	0.48	0.08	0.59	0.02	0.98	0	0
1895	7	10	0	0	0.05	0	0	0	0	0	0	0
1895	7	11	0	0	0	0	0	0	0	0	0	0
1895	7	12	0	0	0	0	0	0	0.13	0	0	0
1895	7	13	0.09	0.28	0.03	0	1.01	0.15	0.16	0.54	0.79	0.45
1895	7	14	0	0.39	0.12	0.96	0	0.08	0	0	0	0.3
1895	7	15	0	0	0	0	0	0	0	0	0	0
1895	7	16	0.37	0.03	0	0	0.2	0.05	0.05	0.13	0.01	0.2
1895	7	17	0.01	0.01	0.05	0	0.01	0	0	0	0.12	0
1895	7	18	0	0	0.01	0	0	0	0	0	0	0
1895	7	19	0	0	0	0	0	0	0	0	0	0
1895	7	20	0.24	0	0	0	0	0.01	0	0.03	0	0
1895	7	21	0.82	0	0	0	0.02	0	0	0	0	0.5
1895	7	22	0.02	0.17	0	0	0.16	0.09	0	0.06	0	0
1895	7	23	0	0	0	0	0	0	0	0	0	0
1895	7	24	0	0	0	0	0	0	0	0	0	0.2
1895	7	25	0	0	0	0.2	0	0	0	0	0	0
1895	7	26	0	0	0.27	0.05	0	0.05	0	0	0.09	0
1895	7	27	0.67	0	0.04	0	0.12	0.1	0.41	0.87	0.3	0.5
1895	7	28	0	0.03	0.82	2.17	0.8	0.8	0	0	0.59	0
1895	7	29	0	0	0	0	0	0	0	0	0	0
1895	7	30	0.49	0.46	0.79	0.54	0.51	0.65	1.24	0.6	0.41	0.65
1895	7	31	0	0	0	0	0	0	0.37	0	0.15	0
1895	8	1	0	0	0	0.04	0.01	0	0	0	0.07	0
1895	8	2	0	0	0.02	0	0	0.05	0	0.09	0	0
1895	8	3	0	0	0	0	0.02	0	0	0	0.03	0.02
1895	8	4	1.09	0	0	0	0.15	0.01	0.3	0.09	0.61	0.7
1895	8	5	0	0	0	0.63	0	0	0	0	0	0.63
1895	8	6	0	0	0	0	0.19	0	0.32	0	0.06	0.4
1895	8	7	1.05	1.05	0.11	0	0.7	0.53	0.68	0.07	0.36	0.42
1895	8	8	0	0	0.01	0.02	0.01	0	0.02	0	0	0.48
1895	8	9	0	0	0	0	0	0	0	0	0	0
1895	8	10	0.05	0	0	0	0	0	0	0	0	0
1895	8	11	0.02	0	0	0	0.13	0	0.34	0	0.4	1
1895	8	12	0.85	0.4	0.34	0.42	0.41	0.77	0.71	0.73	0.98	0.75
1895	8	13	0.02	0	0.05	0	0.01	0.33	0	0	0	0.54
1895	8	14	0	0	0	0	0	0	0	0	0	0
1895	8	15	0	0	0	0	0	0	0.08	0	0	0
1895	8	16	0	0	0	0	0	0	0	0	0	0

1895	8	17	0.12	0	0	0	0	0	1.08	0	0	0.47
1895	8	18	0.01	1.24	1.62	0.77	0.24	1.7	1.24	0.8	0.66	0
1895	8	19	0	0	0.1	0	0	0	0	0	0	0
1895	8	20	0	0.02	0	0	0	0	0.02	0	0	0
1895	8	21	0	0	0	0	0	0	0.32	0	0.06	0
1895	8	22	0	0	0	0	0	0	0	0	0	0
1895	8	23	0	0	0.02	0.06	0	0	0.22	0	0	0
1895	8	24	0.04	0	0.88	0.86	0.02	0	1.43	0	0.93	0.24
1895	8	25	0	0.02	0	0	0	0	0	0	0	0
1895	8	26	0	0	0	0	0	0	0	0	0	0
1895	8	27	0	0	0	0	0	0	0	0	0	0
1895	8	28	0	0	0.2	0	0.8	0	0.02	0	0.04	0
1895	8	29	0	0.16	0.75	0.22	0.08	0.22	0.06	1.25	0.44	0.23
1895	8	30	0	0	0	0	0	0	0	0	0	0
1895	8	31	0.91	0.35	0.62	0.26	0.37	0.24	0.08	0.69	0.27	0
1895	9	1	0	0.35	0.33	0	0	0.01	0	0	0	0
1895	9	2	0	0	0	0	0	0	0	0	0	0
1895	9	3	0	0	0	0	0	0	0	0	0	0
1895	9	4	0	0	0	0	0	0	0	0	0	0
1895	9	5	0	0	0	0	0	0	0	0	0	0
1895	9	6	0	0	0	0	0	0	0	0	0	0
1895	9	7	0.1	0	0	0	0	0	0.04	0	0	0
1895	9	8	0	0	0.01	0	0	0	0	0	0	0
1895	9	9	0	0	0.05	0	0.11	0.1	0	0.04	0	0
1895	9	10	0	0.42	0	0.06	0.2	0	0	0	0	0
1895	9	11	0	0.14	0.08	0.47	0	0.2	1.69	0	0.77	1
1895	9	12	0	0.21	0.24	0	0.21	0.5	0.02	1.12	0.77	0.33
1895	9	13	0	0	0	0	0	0.23	0	0	0	0
1895	9	14	0	0	0.01	0	0	0	0	0	0	0
1895	9	15	0	0	0	0	0	0	0	0	0	0
1895	9	16	0.13	0	0	0	0	0	0.03	0	0.03	0
1895	9	17	0	0	0	0	0	0	0	0	0	0
1895	9	18	0.11	0.07	0	0	0.47	0.02	0	0	0	0
1895	9	19	0	0	0	0	0	0	0	0	0	0
1895	9	20	0	0	0	0.03	0	0	0.02	0	0.2	0
1895	9	21	0	0	0	0	0	0	0	0	0	0
1895	9	22	0	0	0	0	0	0	0	0	0	0
1895	9	23	0	0	0	0	0	0	0	0	0	0
1895	9	24	0	0	0	0	0	0	0	0	0	0
1895	9	25	0	0	0	0	0	0	0	0	0.6	0
1895	9	26	0.21	0.05	0.85	0.36	0.05	0.15	0.25	0.85	0.77	0.24
1895	9	27	0	0.14	0.02	0	0	0	0	0	0	0
1895	9	28	0	0	0	0	0	0	0	0	0	0

1895	9	29	0.05	0	0	0	0.01	0	0.79	1.4	0	0
1895	9	30	0.02	0.15	0.2	0.29	0.75	1.13	0.56	0	1.1	0.6
1895	10	1	0	0	0	0	0	0	0.07	0	0	0
1895	10	2	0	0	0	0	0	0	0	0	0	0
1895	10	3	0	0	0	0	0	0	0	0	0	0
1895	10	4	0	0	0	0	0	0	0	0	0	0
1895	10	5	0	0	0	0	0	0	0	0	0	0
1895	10	6	0	0	0	0	0	0	0	0	0	0
1895	10	7	0.01	0	0	0	0	0	0	0	0	0
1895	10	8	0.17	0.31	0.1	0	0.2	0.23	0	0.55	0	0
1895	10	9	0	0	0	0.19	0	0	0	0	0	0
1895	10	10	0	0	0	0	0	0	0	0	0	0
1895	10	11	0	0	0	0	0	0	0	0	0	0
1895	10	12	1.65	0.37	0.23	0	0.27	0.65	0.24	2.08	0.08	0.2
1895	10	13	1.1	4.85	1.1	0	1.18	2.55	0	0	0.11	0
1895	10	14	0	0.42	0.16	0	0.01	0	0	0	0	0.1
1895	10	15	0.04	0.07	0.06	0.97	0	0	0	0	0	0
1895	10	16	0	0.01	0	0	0	0	0.07	0	0	0
1895	10	17	0	0	0.08	0	0.14	0.04	0	0	0	0
1895	10	18	0	0	0	0.41	0	0	0	0	0	0
1895	10	19	0	0	0	0	0	0	0	0	0	0
1895	10	20	0	0	0	0	0	0	0	0	0	0
1895	10	21	0	0	0	0	0	0	0.07	0	0	0
1895	10	22	0	0	0	0	0	0	0.06	0	0	0
1895	10	23	0	0	0	0	0	0	0.01	0	0	0
1895	10	24	0	0	0	0	0	0	0	0	0	0
1895	10	25	0	0	0	0	0	0	0	0	0.01	0.1
1895	10	26	0	0	0	0	0	0	0	0	0	0
1895	10	27	0	0	0	0	0	0	0	0	0	0
1895	10	28	0	0.01	0.18	0	0	0.32	0.06	0.24	0.01	0
1895	10	29	0	0	0	0.25	0	0	0	0	0.02	0
1895	10	30	0	0	0	0	0	0	0	0	0	0
1895	10	31	1.24	0.15	0	0	0.55	0.3	0.13	0	0	0.75
1895	11	1	0	2.67	2.22	1.76	1.11	0.65	0.4	1.2	0.66	0.1
1895	11	2	0.15	0.51	0.2	0	0.01	0.65	0	0.34	0	0
1895	11	3	0	0.11	0.08	0.17	0	0.4	0	0	0	0
1895	11	4	0	0	0	0	0	0	0	0	0	0
1895	11	5	0	0	0	0	0	0	0	0	0	0
1895	11	6	0	0	0	0	0	0	0	0	0	0
1895	11	7	0	0	0	0	0	0	0.09	0	0	0
1895	11	8	0.01	0	0	0	0.01	0.01	0.38	0	0.1	0.7
1895	11	9	0	0.07	0.18	0	0.01	0.16	0.8	0.52	2.05	1.23
1895	11	10	0.04	0.05	0.15	0.92	0.65	0.51	0.12	0	0	0

1895	11	11	0	0	0	0	0	0	0	0	0	0
1895	11	12	0	0	0	0	0	0	0	0	0	0
1895	11	13	0	0	0	0	0	0	0	0	0	0
1895	11	14	0.9	0.03	0.02	0	0	0.3	0	1.41	0	0
1895	11	15	1.08	1.41	1.13	1.07	0.7	0.9	0.14	0	0.24	0.55
1895	11	16	0	0	0	0	0	0	0	0	0	0
1895	11	17	0	0.58	0.25	0.61	0	0.38	0	0.38	0	0
1895	11	18	0	0.16	0.3	0	0	0	0.21	0	0.02	0
1895	11	19	0	0	0	0	0	0	0	0	0	0
1895	11	20	0.06	0.98	0.59	0	0.26	0.56	0.12	0.63	0.12	0
1895	11	21	0	0.19	0.26	0.96	0.02	0	0.37	0	0.06	0.75
1895	11	22	0	0	0.01	0	0	0.07	0	0	0.01	0
1895	11	23	0	0	0.17	0.22	0.03	0.1	0.56	1.29	0.02	0
1895	11	24	0.11	0.14	0.17	0	0.07	0	0.05	0	0	0
1895	11	25	0.32	0.05	0.17	0	0.15	0.35	0.6	0	0.26	0.25
1895	11	26	1.16	0.44	0.67	1.14	1.75	0.55	1.23	0	0.78	1.3
1895	11	27	0	0.68	0.61	0	0.01	0	0	0	0	0
1895	11	28	0	0	0	0	0	0	0	0	0	0
1895	11	29	0	0	0	0	0	0	0	0	0	0
1895	11	30	0	0	0	0	0	0	0	0	0	0
1895	12	1	0	0	0	0	0	0	0	0	0	0
1895	12	2	0.33	0.16	0.41	0.72	0.08	0.55	0.46	0.69	0.07	0.15
1895	12	3	0	0	0	0	0.01	0	0.1	0	0.16	0
1895	12	4	0	0	0	0	0	0	0	0	0	0
1895	12	5	0	0.42	0.35	0.3	0	0.73	0	0.73	0	0
1895	12	6	0	0.13	0.15	0	0	0	0	0	0	0
1895	12	7	0	0	0.03	0.05	0	0.01	0.53	0	0	0
1895	12	8	0.03	0	0	0	0.01	0	0.04	0	0.12	0
1895	12	9	0.01	0	0	0	0	0	0	0	0	0
1895	12	10	0	0	0	0	0	0	0.03	0	0	0
1895	12	11	0	0	0	0	0	0	0	0	0.02	0
1895	12	12	0	0	0	0	0	0	0	0	0	0
1895	12	13	0	0.01	0	0	0	0	0	0	0	0
1895	12	14	0	0	0	0	0	0	0	0	0	0
1895	12	15	0	0	0	0	0	0	0	0	0	0
1895	12	16	0	0	0	0	0	0	0	0	0	0
1895	12	17	0	0	0	0	0	0	0	0	0	0
1895	12	18	0	0	0	0	0	0	0.05	0	0	0
1895	12	19	0	0	0	0	0	0	0.05	0	0	0
1895	12	20	0	0	0	0	0.01	0	0	0	0	0
1895	12	21	0	0	0	0	0	0	0	0	0	0
1895	12	22	0.26	0.76	0.7	1.02	0.5	0.81	0.63	0.8	0.75	0.4
1895	12	23	0	0	0	0	0	0	0.18	0.03	0.03	0.05

1895	12	24	0	0	0.09	0	0.02	0.02	0	0	0	0
1895	12	25	0	0	0	0	0	0	0.03	0	0	0
1895	12	26	0.36	0.01	0	0	0.03	0.02	0.32	0.73	0.2	0
1895	12	27	0.01	0.32	0.23	0.53	0.69	0.72	0.02	0	0.38	0.75
1895	12	28	0	0	0	0	0	0	0.02	0	0	0
1895	12	29	0	0	0	0	0	0	0	0	0	0
1895	12	30	0.34	0.02	0	0	0.24	0.4	0.66	1.5	0.01	0
1895	12	31	1.14	0.62	1.34	1.78	1	0.75	0.21	0	0	0.7
1896	1	1	0	0	0	0	0	0	0	0	0	0
1896	1	2	0	0	0	0	0	0	0.14	0	0	0
1896	1	3	0	0.01	0	0	0	0	0.04	0	0	0
1896	1	4	0	0	0	0	0	0	0	0	0	0
1896	1	5	0	0	0	0	0	0	0	0	0.04	0
1896	1	6	0	0	0	0	0	0	0	0	0	0
1896	1	7	0.04	0.06	0	0	0.26	0.11	0	0.07	0.06	0
1896	1	8	0	0.04	0.01	0	0	0	0	0	0	0.2
1896	1	9	0.04	0.11	0.27	0	0.27	0	0.1	0	0.1	0.28
1896	1	10	0	0.49	0.28	0.02	0.1	0.23	0.01	0.12	0	0
1896	1	11	0	0	0	0	0.01	0	0	0	0	0
1896	1	12	0	0.06	0.1	0.15	0	0.05	0.2	0	0.04	0
1896	1	13	0	0.01	0.04	0	0	0	0	0.1	0	0
1896	1	14	0	0	0	0	0	0	0.11	0	0.03	0
1896	1	15	0	0	0	0	0	0	0	0	0	0
1896	1	16	0	0	0	0	0	0	0.09	0	0	0
1896	1	17	0	0	0	0	0	0	0	0	0	0
1896	1	18	0	0	0	0	0	0	0.01	0	0	0
1896	1	19	0.03	0.01	0	0	0.09	0	0	0	0.04	0
1896	1	20	0	0.03	0	0	0	0	0.03	0	0	0
1896	1	21	0	0	0	0	0	0	0.16	0	0.04	0
1896	1	22	0	0	0.02	0	0	0	0	0	0	0
1896	1	23	0	0	0	0	0	0	0	0	0	0
1896	1	24	0.85	1.16	0.22	0	0.12	0.7	0.66	0.55	0.08	0
1896	1	25	0	0.27	0.96	0.7	0.08	0.14	0.3	0	0.04	0.1
1896	1	26	0	0	0.1	0	0.05	0	0.23	0	0.16	0.15
1896	1	27	0	0	0	0	0	0	0	0	0	0
1896	1	28	0	0	0	0	0	0	0	0	0	0
1896	1	29	0	0	0	0	0	0	0	0	0	0
1896	1	30	0	0	0	0	0	0	0	0	0	0
1896	1	31	0	0	0	0.87	0	0	0	0	0	0
1896	2	1	0.29	0.62	0.32	0.53	0.33	0.46	0.2	0.57	0.13	0
1896	2	2	0	0	0.04	0	0.02	0	0.02	0	0	0
1896	2	3	0.26	0	0	0	0.08	0	0	0	0	0
1896	2	4	0.11	0.06	0	0	0.39	0.03	0.07	0	0	0

1896	2	5	0.01	0.1	0.03	0.04	0.05	0.1	0.08	0	0	0.2
1896	2	6	2.74	1.4	1.98	0	0.27	2.1	0.33	2.55	0.06	0.2
1896	2	7	0	0.08	0.5	1.97	0.02	0.09	0.1	0	0.28	0
1896	2	8	0	0	0	0	0	0	0	0	0	0
1896	2	9	0.46	0.48	0.28	0.38	0.62	0.47	0.52	0.34	0.22	0
1896	2	10	0	0	0.02	0	0.02	0	0.1	0	0.14	0.4
1896	2	11	0	0	0.02	0.04	0.02	0.03	0.14	0	0	0
1896	2	12	0	0	0	0	0	0	0	0	0	0
1896	2	13	0.59	0.44	0.5	0.48	0.09	0.45	0.26	0.49	0.25	0.35
1896	2	14	0	0.09	0.04	0	0	0	0.02	0	0.15	0
1896	2	15	0	0	0	0.02	0	0	0.17	0	0.12	0.08
1896	2	16	0.02	0.14	0	0	0	0	0	0	0.07	0
1896	2	17	0	0	0	0	0	0	0	0	0	0
1896	2	18	0	0	0	0	0	0.1	0	0	0	0
1896	2	19	0.02	0.11	0.43	0.2	0.2	0.18	0.04	0.43	0	0
1896	2	20	0	0.04	0.2	0	0.02	0.25	0.39	0	0.11	0
1896	2	21	0	0	0	0	0	0	0	0	0	0
1896	2	22	0	0	0	0	0	0	0	0	0	0
1896	2	23	0	0	0	0	0	0	0.15	0	0	0
1896	2	24	0	0	0	0	0	0	0.02	0	0	0
1896	2	25	0	0	0	0	0	0	0	0	0	0
1896	2	26	0.07	0	0	0	0.01	0	0	0	0	0
1896	2	27	0	0	0	0	0	0	0	0	0	0
1896	2	28	0	0	0	0	0	0	0	0	0	0
1896	2	29	2.26	0.38	0.91	1.75	1.89	1.64	0.35	0	0.41	0.6
1896	3	1	0.08	0.99	2.93	1.99	0.44	1.06	0.38	3.21	0.65	0.5
1896	3	2	0.61	0.52	0.88	0	0.08	0.3	0.36	0	0.28	0.3
1896	3	3	0	0.3	0.17	0.68	0.02	0.34	0.39	0	0.24	0
1896	3	4	0	0.06	0.4	0.75	0	0.02	0	0	0	0
1896	3	5	0	0	0.02	0.05	0	0	0.02	0	0	0
1896	3	6	0	0	0	0	0	0	0	0.27	0.01	0
1896	3	7	0.14	0.34	0.46	0.62	0.45	0.54	0.54	0.61	0.06	0
1896	3	8	0	0	0	0	0	0	0	0	0	0
1896	3	9	0	0	0	0	0	0	0	0	0	0
1896	3	10	0	0	0	0	0	0	0	0	0	0
1896	3	11	0.49	0.24	0.2	0	0.36	0.3	0	0	0.12	0
1896	3	12	0.02	0.32	0.53	0.7	0.65	0.44	0.2	0.47	0.47	0.9
1896	3	13	0	0	0	0	0	0	0	0	0	0
1896	3	14	0	0	0	0	0	0	0	0	0.01	0
1896	3	15	0.56	0	0	0	0.1	0.07	0	0	0	0.08
1896	3	16	1.31	1.09	0.27	0	0.35	0.55	0.13	0.8	0.07	0
1896	3	17	0	0.16	0.46	0.6	0.31	0.25	0.11	0	0.18	0.25
1896	3	18	0	0	0	0	0	0	0	0	0	0

1896	3	19	0.69	0.41	0.6	1.06	1.12	1.63	1.53	0	0.67	0.06
1896	3	20	0	0.11	0.12	0	0.1	0	0.49	2.1	0.4	0.4
1896	3	21	0	0	0	0	0	0	0	0	0	0
1896	3	22	0.05	0	0	0	0	0	0.02	0	0	0
1896	3	23	0.18	0.03	0	0	0.01	0.02	0	0	0	0
1896	3	24	0.01	0.02	0	0	0	0	0	0	0	0
1896	3	25	0	0	0	0	0	0	0	0	0	0
1896	3	26	0.03	0	0	0	0.03	0.06	1.49	0	0.08	0
1896	3	27	0	0	0	0	0	0	0.2	0.11	0.3	0.45
1896	3	28	0	0	0	0	0	0	0	0	0	0
1896	3	29	1.06	0.62	0.41	0	0.5	0.5	0.16	0.88	0	0.2
1896	3	30	0.05	0.2	0.57	0.74	0.14	0.47	0.06	0	0	0
1896	3	31	0	0	0	0	0	0	0	0	0	0
1896	4	1	0.08	0	0	0	0	0	0	0	0	0
1896	4	2	0.17	0.61	0.61	1.17	0.24	0.77	0.66	0.8	0.12	0.1
1896	4	3	0	0	0.23	0	0	0	0.04	0	0	0
1896	4	4	0	0	0	0.08	0	0	0.01	0	0.16	0.13
1896	4	5	0	0	0	0	0	0	0	0	0	0
1896	4	6	0.14	0	0.26	0	0	0	0	0	0	0
1896	4	7	0.65	0.04	0.01	0	0.34	0	0	0	0	0
1896	4	8	0	0	0	0	0	0	0	0	0	0
1896	4	9	0	0	0	0	0	0	0	0	0	0
1896	4	10	0	0	0	0	0	0	0	0	0	0
1896	4	11	0	0	0	0	0	0	0	0	0	0
1896	4	12	0	0	0	0	0	0	0.01	0	0	0
1896	4	13	0	0	0.15	0.07	0	0	0	0	0	0
1896	4	14	0	0	0	0	0	0	0	0	0.01	0
1896	4	15	0	0	0	0	0	0	0.15	0	0	0
1896	4	16	0	0	0	0.02	0	0	0	0	0	0
1896	4	17	0	0.11	0.05	0.19	0	0.1	0	0.37	0	0
1896	4	18	0	0.07	0	0	0.01	0.02	0.04	0	0	0
1896	4	19	0	0.05	0	0.02	0.14	0	0.01	0	0.16	0
1896	4	20	0	0.34	0	0	0	0	0.04	0	0	0
1896	4	21	0.22	0.08	0.08	0	0.07	0.06	0.11	0	0.06	0.15
1896	4	22	0.01	0.26	0.25	0.26	0.17	0.07	0.02	0.22	0.09	0
1896	4	23	0	0	0	0	0	0	0	0	0	0
1896	4	24	0	0	0	0	0	0	0	0	0	0
1896	4	25	0	0	0	0	0	0	0.05	0	0	0
1896	4	26	0	0	0	0	0	0	0	0	0	0
1896	4	27	0	0	0	0	0	0	0	0	0	0
1896	4	28	0	0	0.01	0.21	0.01	0	0.04	0	0	0.05
1896	4	29	0	0	0	0	0	0	0	0	0	0
1896	4	30	0	0	0	0	0	0	0	0	0	0

1896	5	1	0	0	0	0	0	0	0	0	0	0
1896	5	2	0	0	0	0	0	0	0	0	0	0
1896	5	3	0.1	0.01	0	0	0.06	0	0	0	0.05	0
1896	5	4	0	0	0	0.03	0	0	0.01	0	0.03	0
1896	5	5	0.11	0	0.34	0	0.12	0.16	0	0.15	0.03	0
1896	5	6	0	0	0.02	0.04	0	0	0	0	0	0
1896	5	7	0	0	0	0	0	0	0	0	0	0
1896	5	8	0	0	0	0	0	0.01	0.07	0	0	0
1896	5	9	0	0.01	0	0	0	0	0	0.02	0	0
1896	5	10	0	0	0	0.33	0	0	1.22	0	0.18	0
1896	5	11	0	0	0.2	0	0	0	0.01	0	0	0
1896	5	12	0	0	0	0	0	0	0	0	0	0
1896	5	13	0	0	0	0	0	0	0	0	0	0
1896	5	14	0.3	0	0	0	0	0	0	0	0	0
1896	5	15	0.02	0	0	0	0.01	0.02	0.19	0.01	0	0
1896	5	16	0	0	0	0.02	0	0	0	0	0	0
1896	5	17	0	0	0	0	0.04	0.01	0	0	0	0
1896	5	18	0	0	0	0	0	0	0.05	0	0	0
1896	5	19	0.13	0.43	0.34	0.14	0.13	0.09	0.02	0.32	0.01	0.14
1896	5	20	0.01	0	0	0	0	0	0	0	0	0
1896	5	21	0.42	0.05	0	0	0	0.01	0	0	0	0
1896	5	22	0	0.01	0	0.11	0.01	0	0.09	0	0.11	0
1896	5	23	0	0	0	0	0	0	0	0	0	0
1896	5	24	0	0	0	0	0.04	0	0	0	0.04	0
1896	5	25	0	0	0	0	0.02	0	0	0	0	0
1896	5	26	0.28	0.18	0.37	0.27	0.09	0.74	0.23	0.61	0.42	0.4
1896	5	27	0	0	0.02	0	0	0	0.01	0	0	0
1896	5	28	0.8	0.13	0.01	0.02	0.24	0.73	0.47	0	0.05	0.48
1896	5	29	0	0.38	0.4	0.16	0.1	0.72	0.37	1.11	0.1	0
1896	5	30	0	0	0	0.06	0	0	0	0	0	0.05
1896	5	31	0.34	0.48	1.51	1.62	0.69	0.85	0	0.72	0.23	0.3
1896	6	1	0	0	0.01	0	0	0	0.01	0	0.14	1.06
1896	6	2	0	0	0	0	0	0	0	0	0	0.12
1896	6	3	0	0	0	0	0	0	0	0	0	0
1896	6	4	0	0	0	0	0	0	0	0	0	0
1896	6	5	0	0	0	0.02	0	0	0	0	0	0
1896	6	6	0	0	0	0.05	0.02	0	0	0	0.6	0
1896	6	7	0.01	0.4	0.24	0.04	0.09	0.72	1.05	2.97	0.66	0.81
1896	6	8	0.2	0.3	0.54	0.69	0.65	0.74	0.24	0	0.75	0
1896	6	9	0.06	0.19	0.17	0.41	0.05	0.72	1.38	0	0	0.3
1896	6	10	0.64	0.48	0.32	0.13	0.66	0	0	0	0.03	0.02
1896	6	11	0	0	0	0	0.01	0	0	0	0	0
1896	6	12	0	0	0.01	0	0	0	0	0	0	0

1896	6	13	0	0	0	0	0	0	0	0	0	0
1896	6	14	2.38	1.04	0.01	0.21	0.44	0.1	0	0.07	0	0
1896	6	15	0	0.22	0.33	0	0	0	0	0	0	0
1896	6	16	0	0	0	0	0	0	0	0	0	0
1896	6	17	0.56	0	0	0	0.43	0	0	0	0	0
1896	6	18	0	0	0	0	0.02	0	0	0	0	0
1896	6	19	0	0	0	0	0	0	0	0	0	0
1896	6	20	0	0	0	0	0	0	0	0	0.83	0
1896	6	21	0.31	0.03	0.59	0.39	0.12	0.07	1.26	0.1	0	0.1
1896	6	22	0	0	0.01	0	0	0	0	0	0	0
1896	6	23	0	0	0	0	0	0	0	0	0	0
1896	6	24	1.16	0	0	0	0	0	0	0	0	0
1896	6	25	0.15	0	0	0	0	0	0	0	0	0
1896	6	26	0.2	0.01	0	0	0	0	0.05	0	0	0
1896	6	27	0	0	0	0	0	0	0	0	0.08	0
1896	6	28	0.05	0	0	0	0	0	0.04	0	0.02	0
1896	6	29	0	0.04	0	0	0	0	0.03	0	0.02	0
1896	6	30	0	0	0	0	0	0	0	0	0	0
1896	7	1	0	0	0	0	0	0	0	0	0	0
1896	7	2	0	0	0	0	0	0	0	0	0	0
1896	7	3	0	0	0	0	0	0	0.09	0	0	0
1896	7	4	0.13	0	0.01	0.43	0.02	0	2.04	0	0.72	0
1896	7	5	0.08	0.32	0.18	0.88	0.21	0.13	0.23	0.16	0.77	1.57
1896	7	6	1.97	0	0	0	0	0	0	0	1	0.1
1896	7	7	0	0.58	0.45	0.21	0.02	1.03	0.07	0.51	0	0
1896	7	8	0	0.04	0.05	0	0	0	0	0	0	0
1896	7	9	0.19	0	0	0	0.05	0	0.12	0	0	0
1896	7	10	0	0	0	0	0.06	0	0	0	0	0
1896	7	11	0	0	0.76	0.26	0	0	0	0.51	0	0.2
1896	7	12	0	0	0	0	0	0	0	0	0	0
1896	7	13	0.08	0	0	0.12	0.05	0	0.36	0.14	0.03	0
1896	7	14	0	0	0.1	0.15	0	0	0	0	0	0
1896	7	15	0	0.36	0.01	0.36	0.16	0.26	0.21	0.05	0.35	0
1896	7	16	1.17	0.47	0	0	0	0	0	0	0	0
1896	7	17	0	0	0	0	0	0	0	0	0	0
1896	7	18	0	0	0	0	0	0	0	0	0	0
1896	7	19	0	0	0	0	0	0	0	0	0	0
1896	7	20	0	0.01	0.22	0.24	0.5	0.2	0.57	0.65	0.66	0
1896	7	21	1.06	0.15	0.24	0.14	0	0.14	0	0	0	0.85
1896	7	22	1.44	0	0	0	0.04	0	0	0	0	0
1896	7	23	0	0.1	0.26	0.04	0	0.1	0.02	0.02	0	0
1896	7	24	0.14	0.09	0	0	0.31	0	0	0	0	0
1896	7	25	0	0.56	0.36	0.19	0.4	0.62	0	0.53	0	0

1896	7	26	0	0	0	0	0	0	0	0	0	0
1896	7	27	0.54	0.08	0.01	0.1	0.04	0	0	0.31	0.09	0.25
1896	7	28	0	0	0.37	0	0.01	0	0	0	0.05	0
1896	7	29	0	0	0.07	0.02	0	0	0	0	0	0
1896	7	30	0.61	0.14	0.01	0.04	1.7	0.62	1.12	0.3	0.16	0
1896	7	31	0	0	0	0	0	0	0.01	0	0	0
1896	8	1	0	0	0	0	0	0	0	0	0	0
1896	8	2	0.26	0.77	0.82	0.28	0.88	0.65	0	0.74	0.14	0.57
1896	8	3	0	0	0	0	0	0	0	0	0	0
1896	8	4	0	0	0.04	0	0	0	0	0	0	0
1896	8	5	0	0.2	0.22	0.21	0	0.65	0.54	0.97	0.98	0.42
1896	8	6	0	0.49	0.07	0.13	0	0.51	0.04	0	0.45	1.11
1896	8	7	0.01	0.06	0.13	0	0.64	0.69	0	0	0	0
1896	8	8	0	0	0	0	0	0	0	0	0	0
1896	8	9	0.12	0	0	0.15	0	0	0.02	0	0	0
1896	8	10	0	0	0.01	0	0	0	0	0	0.07	0
1896	8	11	0	0	0	0	0	0	0	0	0	0
1896	8	12	0	0	0	0	0	0	0	0	0.08	0.57
1896	8	13	0	0.2	0.15	0.05	0	0	0	0	0	0
1896	8	14	0.29	0	0.28	0.08	0.18	0.33	0	0.42	0	0
1896	8	15	0	0	0.01	0	0	0	0	0	0	0
1896	8	16	0.14	0	0.01	0.23	0.08	0	1.54	0.08	0.97	0.5
1896	8	17	0	0.02	0.08	0	0	0.34	0	0	0	0
1896	8	18	0.16	0.06	0.04	0.4	0.02	0	0.52	0	0.38	0.6
1896	8	19	0	0.08	0.08	0.09	0.03	0	0	0	0.6	0.1
1896	8	20	0	0	0	0	0	0	0	0	0	0
1896	8	21	0.1	0	0	0	0	0	0.64	0	0.03	0
1896	8	22	0.25	0.05	0.32	0.27	0.01	0.07	0.08	0.36	0.18	0
1896	8	23	0.03	0.06	0.1	0.35	0	0.15	1.07	0	0.19	0.4
1896	8	24	0.03	0.02	0.05	0	0.3	0.13	0	0	0	0
1896	8	25	0	0	0	0	0	0	0	0	0	0
1896	8	26	0	0	0	0	0	0	0	0	0	0
1896	8	27	0	0.06	0.11	0.45	0.02	0.11	0.81	0.08	0.05	0
1896	8	28	0	0	0	0	0	0	0	0	0	0
1896	8	29	0	0	0	0	0	0	0	0	0	0
1896	8	30	0	0	0	0	0	0	0.02	0	0	0
1896	8	31	0.14	0.08	0.05	0.19	0.09	0.12	0.07	0.08	0.07	0.1
1896	9	1	0	0	0.01	0.03	0	0	0	0	0.03	0
1896	9	2	0	0	0	0	0	0	0	0	0	0
1896	9	3	0.95	0.15	0.23	0.5	0.25	0	0.39	0.3	0.7	0.5
1896	9	4	0	0.33	0.29	0	0	0.48	0	0	0	0
1896	9	5	1.02	0	0	0	0.1	0	0.09	0	0	0
1896	9	6	0.63	2.1	5.28	3.79	1.28	2.19	0.55	2.52	0.68	1.4

1896	9	7	0	0	0	0	0.02	0	0	0	0	0
1896	9	8	0	0	0	0	0	0	0	0	0	0
1896	9	9	0	0.27	0.06	0.03	0	0	0	0.1	0	0
1896	9	10	0	1.46	1.5	1.25	0	0.14	0	0	0	0
1896	9	11	0	0.02	0.15	0	0	0	0	0	0	0
1896	9	12	0	0	0	0	0	0	0	0	0	0
1896	9	13	0	0.36	0.18	0	0	0.4	0	0.16	0	0.2
1896	9	14	0	0.04	0	0	0	0	0.06	0	0	0.05
1896	9	15	0.42	0	0	0.09	0	0	0.01	0	0	0
1896	9	16	0	0	0	0	0	0	0	0	0	0
1896	9	17	0.17	0.01	0.1	0.09	0.25	0.31	0.35	0.52	0.46	0.5
1896	9	18	0	0.02	0	0	0	0	0	0	0	0
1896	9	19	0.8	0.84	0.56	0.42	0.75	0.68	0.41	0.93	0.92	0.84
1896	9	20	0	0.23	0.09	0	0	0	0.02	0	0	0.5
1896	9	21	0	0	0	0	0	0	0	0	0	0
1896	9	22	0.04	0.06	0.15	0.1	0.24	0.11	0.11	0.23	0.25	0.05
1896	9	23	0	0	0	0	0	0	0	0	0	0
1896	9	24	0	0	0	0.03	0	0	0.22	0	0.04	0
1896	9	25	0	0	0	0	0	0	0	0	0	0
1896	9	26	0	0	0	0	0	0	0.28	0	0	0
1896	9	27	0	0	0	0	0	0	0.18	0	0.03	0
1896	9	28	0	0	0.04	0.11	0.14	0	0	0	0.4	0.47
1896	9	29	0.44	0	0	0	0	0	0.01	0.68	0	0.2
1896	9	30	0.27	0.51	0.93	1.16	0.28	0.61	0.43	0	0.08	0.12
1896	10	1	0	0.01	0	0.02	0.1	0.02	0.34	0.03	0.32	0.1
1896	10	2	0	0.02	0.07	0.17	0	0.06	0.02	0.07	0.04	0.05
1896	10	3	0	0	0.02	0	0	0	0.03	0.02	0	0
1896	10	4	0.04	0.14	0	0	0.01	0.03	0	0	0	0
1896	10	5	0.01	0.12	0.05	0	0	0.38	0	0.2	0	0.05
1896	10	6	0	0.18	0	0	0	0.03	0	0.14	0	0
1896	10	7	0.1	0.01	0.04	0.02	0.04	0.16	0.62	0.2	0.5	0.61
1896	10	8	0	0	0	0	0	0	0.22	0	0.3	0.2
1896	10	9	0	0	0	0	0	0	0	0	0	0
1896	10	10	0	0	0	0	0	0	0	0	0	0
1896	10	11	0.16	0	0	0	0	0	0	0	0	0
1896	10	12	0	0	0	0	0.03	0	0	0	0	0
1896	10	13	0.7	1.03	0.24	0.05	1.01	1.3	0	0.83	0.03	0.5
1896	10	14	0.01	0.02	1.3	0.35	0.08	0.2	0	2.12	0.02	0
1896	10	15	0	0.44	0.29	0.58	0.04	0.4	0	0.1	0	0
1896	10	16	0	0	0	0	0	0	0.19	0	0	0
1896	10	17	0	0	0	0	0	0.15	0	0	0	0
1896	10	18	0	0.1	0.04	0.02	0.01	0.14	0.11	0.51	0.42	0.6
1896	10	19	0	0.01	0.01	0	0	0	0	0	0	0

1896	10	20	0	0	0	0	0.01	0.08	0.1	0.01	0.02	0.2
1896	10	21	0.05	0.03	0.36	0.78	0.02	0.51	0.22	0.56	0.2	0
1896	10	22	0	0	0	0	0	0	0	0	0	0
1896	10	23	0.22	0.04	0.03	0.04	0	0.22	0	0	0	0.05
1896	10	24	0.45	0.95	0.47	0.53	0.12	0.22	0.03	0.44	0.02	0
1896	10	25	0	0	0	0	0	0	0	0	0	0
1896	10	26	0	0	0	0	0	0	0	0	0	0
1896	10	27	0	0	0	0	0	0	0	0	0	0
1896	10	28	0	0	0	0	0	0	0	0	0	0
1896	10	29	0	0.04	0.22	0.05	0.03	0.1	0.38	0.14	0.2	0.25
1896	10	30	0	0	0.02	0.03	0.02	0	0.08	0	0.05	0
1896	10	31	0	0.01	0.03	0	0.01	0	0.14	0	0.4	0
1896	11	1	0	0	0.01	0	0	0	0	0	0	0
1896	11	2	0	0	0	0	0	0	0	0	0	0
1896	11	3	0	0	0	0	0	0	0	0	0	0
1896	11	4	0.03	0	0	0	0	0	0	0	0	0
1896	11	5	1.23	1	0.9	0	0.56	1.2	0.93	1.92	0.85	1
1896	11	6	0	0.04	0.12	1.3	0.26	0.25	0.09	0.51	0.2	0
1896	11	7	0	0	0	0	0	0	0	0	0	0
1896	11	8	0	0.73	0.3	0.18	0.36	0.08	0.15	0.09	0.3	0.6
1896	11	9	0	0	0	0	0	0	0	0	0	0
1896	11	10	0	0	0	0	0	0	0	0	0	0
1896	11	11	0.19	0.03	0.16	0.2	0.08	0.06	0.27	0.06	0.3	0.2
1896	11	12	0.03	0	0	0	0.01	0	0	0	0	0
1896	11	13	0.05	0.13	0	0	0.03	0.06	0	0	0	0
1896	11	14	0	0.27	0.01	0	0	0	0	0	0	0
1896	11	15	0	0	0	0	0	0	0.57	0	0	0
1896	11	16	0	0	0	0	0	0	0.12	0	0	0
1896	11	17	0	0	0	0	0	0	0.02	0	0	0
1896	11	18	0	0	0	0	0	0.01	0.54	0	0.15	0
1896	11	19	0	0	0	0.04	0	0	0.01	0	0.03	0
1896	11	20	0	0	0	0	0	0	0	0	0	0
1896	11	21	0	0.3	0.28	0	0.08	0.55	0.07	0.58	0.2	0.38
1896	11	22	0.1	0.13	0	0.27	0.02	0	0.04	0	0.1	0
1896	11	23	0	0	0	0	0	0	0	0	0	0
1896	11	24	0	0.06	0.16	0.09	0.06	0.12	0.22	0.17	0	0.4
1896	11	25	0	0	0	0	0.04	0.16	0.11	0	0.06	0
1896	11	26	0	0.3	0.22	0.17	0.22	0.23	0.51	0.41	0.16	0
1896	11	27	0	0	0.04	0	0	0	0.14	0	0.08	0
1896	11	28	0.55	0.2	0.06	0	0.03	0.13	0.24	0	0	0
1896	11	29	0.47	0.31	0.18	0.1	0.05	0.12	0	0.27	0	0
1896	11	30	0.19	0.2	0.01	0	0	0	0.05	0	0	0
1896	12	1	0	0	0	0	0	0	0	0	0	0

1896	12	2	0	0	0	0	0	0	0	0	0	0
1896	12	3	0	0	0	0	0	0	0.06	0	0	0
1896	12	4	0	0	0	0	0	0.02	0.05	0	0	0
1896	12	5	0	0.02	0.11	0.06	0	0	0.01	0	0	0
1896	12	6	0	0	0.01	0.09	0	0.01	0.12	0	0	0
1896	12	7	0	0	0	0.03	0	0	0	0	0.12	0
1896	12	8	0	0	0	0	0.07	0.3	0	0	0	0
1896	12	9	0.26	0.99	1.15	1.03	0.16	0.51	0.3	0.74	0.67	0.6
1896	12	10	0	0	0	0	0	0	0	0	0	0.2
1896	12	11	0.03	0	0	0	0	0	0	0	0	0
1896	12	12	0	0	0	0	0	0	0	0	0	0
1896	12	13	0	0	0	0.02	0	0	0	0	0	0
1896	12	14	0	0	0	0	0	0	0	0	0	0
1896	12	15	0.02	0	0	0	0	0	0	0	0	0
1896	12	16	0.55	0.43	0.59	0	0	0	0	0	0	0
1896	12	17	0	0	0	0	0	0	0	0	0	0
1896	12	18	0	0	0.01	0	0	0.09	0.17	0	0	0
1896	12	19	0	0	0.3	0.29	0	0	0.28	0.1	0	0
1896	12	20	0	0	0	0	0	0	0	0	0	0
1896	12	21	0	0	0	0	0	0	0	0	0.02	0
1896	12	22	0.12	0	0.01	0	0	0	0	0	0	0
1896	12	23	0.15	0.26	0	0	0.5	0.03	0	0	0	0
1896	12	24	0	0	0	0	0	0	0	0	0	0
1896	12	25	0	0	0	0	0	0	0.05	0	0.01	0
1896	12	26	0	0	0	0	0	0	0.04	0	0.01	0
1896	12	27	0	0	0	0	0	0	0	0	0	0
1896	12	28	0	0	0	0	0	0	0	0	0	0
1896	12	29	0	0	0	0	0	0	0.08	0	0	0
1896	12	30	0	0	0	0	0	0	0	0	0	0
1896	12	31	0	0	0	0	0	0	0	0	0	0
1897	1	1	0	0	0	0	0	0	0	0	0	0
1897	1	2	0	0	0	0	0	0	0.07	0	0	0
1897	1	3	0	0	0	0	0	0	0	0	0	0
1897	1	4	0.45	0	0	0	0	0.1	0	0	0	0
1897	1	5	0.21	0.69	1.18	1.66	0.36	0.5	0.23	0.75	0.57	0.54
1897	1	6	0	0	0.05	0.12	0.02	0	0.06	0.61	0.04	0
1897	1	7	0	0	0	0	0	0	0	0	0	0
1897	1	8	0	0	0	0	0	0	0	0	0	0
1897	1	9	0	0	0	0	0	0	0.15	0	0	0
1897	1	10	0	0	0	0	0	0	0.09	0	0.02	0
1897	1	11	0	0	0.01	0	0	0	0.02	0	0.02	0
1897	1	12	0	0	0	0	0	0	0.08	0	0.03	0.02
1897	1	13	0	0	0	0	0	0	0	0	0	0

1897	1	14	0	0	0	0	0	0	0	0	0	0
1897	1	15	0	0	0	0	0.02	0	0	0	0	0
1897	1	16	0	0	0	0	0	0	0.06	0	0	0
1897	1	17	0.01	0	0.1	0	0.01	0.05	0.09	0.14	0.03	0
1897	1	18	0.05	0.25	0.23	0.72	0.02	0.13	0.05	0	0.07	0.21
1897	1	19	0	0	0	0	0	0	0	0	0	0
1897	1	20	0.26	0	0	0	0	0	0.01	0	0	0
1897	1	21	1.45	0.66	1.54	1.42	0.22	1.21	1.32	0.95	0.6	0.4
1897	1	22	0.02	0	0	0	0	0.12	0.11	0	0.06	0.05
1897	1	23	0	0.08	0.12	0.09	0	0	0.12	0.05	0.06	0
1897	1	24	0.01	0	0	0	0	0.01	0	0	0	0
1897	1	25	0	0	0	0	0	0	0.12	0	0	0
1897	1	26	0	0	0	0	0	0	0.05	0	0	0
1897	1	27	0.11	0	0	0	0.01	0	0	0	0	0
1897	1	28	0.43	1.48	0.86	0.5	0.96	1.6	0.39	0.8	0.8	0
1897	1	29	0	0	0	0	0	0	0	0	0.2	1
1897	1	30	0	0	0	0	0	0	0	0	0	0
1897	1	31	0	0	0	0	0	0	0	0	0	0
1897	2	1	0	0	0	0	0	0	0	0	0	0
1897	2	2	0.04	0	0	0	0	0	0	0	0	0
1897	2	3	0	0	0	0	0	0	0	0	0	0
1897	2	4	0	0	0	0	0	0	0	0	0	0
1897	2	5	0	0	0	0	0	0	0	0	0	0
1897	2	6	0.62	0	0	0	0.01	0	0.02	0	0	0
1897	2	7	0.17	0.4	0.69	0.98	0.35	0.85	0.47	0.92	0.39	0.25
1897	2	8	0	0	0	0	0.01	0	0	0	0	0
1897	2	9	0	0	0	0	0	0	0	0	0	0
1897	2	10	0	0	0	0	0	0	0	0	0	0
1897	2	11	0	0	0	0	0	0	0	0	0	0.07
1897	2	12	0.98	0.54	0.16	0	0.8	0.48	0	0.2	0.1	0
1897	2	13	0	0.34	0.24	0	0.12	0	0	0	0.11	0
1897	2	14	0	0	0	0	0	0	0.03	0	0	0
1897	2	15	0.04	0	0	0	0.01	0	0	0.17	0	0.14
1897	2	16	0	0.03	0.39	0.38	0	0.2	0	0	0.09	0
1897	2	17	0	0	0.11	0.05	0	0	0.25	0	0.02	0.16
1897	2	18	0	0	0	0.04	0.01	0	0.01	0	0	0.1
1897	2	19	0	0	0	0	0	0	0.02	0	0	0
1897	2	20	0.1	0	0	0	0	0	0	0	0	0
1897	2	21	0.16	0.11	0.26	0.18	0.01	0.3	0.47	0.17	0.1	0
1897	2	22	0.29	0	0	0	0.02	0	0.25	0	0.09	0
1897	2	23	0.12	0.7	0.75	0.5	0.71	0.66	0.58	0.67	0.18	0.32
1897	2	24	0	0	0	0	0	0	0	0	0	0
1897	2	25	0	0	0	0	0	0	0.02	0	0	0

1897	2	26	0	0	0	0	0	0	0	0	0	0
1897	2	27	0	0	0	0	0	0	0.01	0	0	0
1897	2	28	0	0	0	0	0	0	0	0	0	0
1897	3	1	0.05	0.02	0.01	0	0	0.12	0.14	0.2	0.05	0
1897	3	2	0	0.01	0.19	0.22	0.05	0.4	0.25	0	0	0.2
1897	3	3	0.01	0.14	0.49	0.38	0.22	0.29	0.46	0.6	0.13	0.28
1897	3	4	0	0	0	0	0	0	0	0	0.02	0.2
1897	3	5	0.41	0.2	0.16	0.2	0.23	0.45	0.25	0.4	0.1	0.1
1897	3	6	0	0.05	0.48	0.28	0.01	0.1	0.02	0	0	0
1897	3	7	0	0	0	0	0	0	0	0	0	0
1897	3	8	0	0	0	0	0	0	0.25	0	0	0
1897	3	9	0	0.01	0	0.02	0.01	0.05	0.32	0	0.2	0.5
1897	3	10	0.02	0.03	0.21	0.39	0.07	0.21	0.27	0.25	0.18	0
1897	3	11	0	0	0	0	0	0	0	0	0.6	0
1897	3	12	0.41	0.08	0.54	0.52	0.06	0.1	0.32	0	0.13	0.15
1897	3	13	0	0	0	0	0	0	0	0	0	0
1897	3	14	0.54	0.36	0.6	0.5	0.04	0.58	0.6	0.4	0.38	0.33
1897	3	15	0	0	0	0	0	0	0	0	0	0
1897	3	16	0	0	0	0	0.01	0	0	0	0	0
1897	3	17	0	0	0	0	0	0	0	0	0	0
1897	3	18	0	0	0	0	0.01	0	0	0	0	0
1897	3	19	0.1	0	0	0	0.01	0	0.04	0	0	0
1897	3	20	0.47	0.69	0.38	0.23	0.76	0.8	0.4	0.7	0.08	0.25
1897	3	21	0	0.05	0.35	0.29	0.04	0.02	0.03	0	0	0
1897	3	22	0.01	0.01	0	0.06	0	0	0	0	0.2	0
1897	3	23	0.13	0	0	0	0	0.75	0	0	0	0
1897	3	24	0.24	1.14	0.99	1.19	0.33	0	0.43	0.69	0.2	0
1897	3	25	0	0	0.15	0.02	0	0	0.34	0	0.6	0
1897	3	26	0	0	0	0	0	0	0.04	0	0.22	0
1897	3	27	0	0	0	0	0	0	0.01	0	0	0
1897	3	28	0	0	0	0	0	0	0	0	0	0
1897	3	29	0	0	0	0	0	0	0	0	0	0
1897	3	30	0	0	0	0	0	0	0	0	0	0
1897	3	31	0	0	0	0	0	0	0	0	0	0
1897	4	1	0	0	0	0	0	0	0	0	0	0
1897	4	2	0	0	0	0	0	0	0	0	0	0
1897	4	3	0	0	0	0	0	0	0	0	0	0
1897	4	4	0.01	0	0	0	0	0	0	0	0	0
1897	4	5	0.34	0.21	0.32	0.26	0.01	0.26	0.26	0.27	0.05	0.05
1897	4	6	0.03	0.02	0	0.05	0.21	0	0.04	0	0.43	0.08
1897	4	7	0	0.22	0.04	0.02	0	0	0	0	0.02	0
1897	4	8	0.21	0.42	0.03	0.01	0	0.14	0	0.18	0.07	0.1
1897	4	9	0.97	1.61	0.99	1.04	1.2	1.2	0.07	0.77	0.5	0.1

1897	4	10	0	0.14	0.14	0	0.06	0	0.24	0.13	0.15	0.1
1897	4	11	0	0.05	0.16	0	0	0.03	0	0.05	0	0
1897	4	12	0.02	0	0	0	0	0	0	0	0	0
1897	4	13	0	0	0	0	0	0	0.04	0	0	0
1897	4	14	0.22	0	0	0.08	0.02	0.03	0.15	0	0.02	0
1897	4	15	0.39	0.3	0.62	0.58	0.67	0.39	0.51	0.73	1	1
1897	4	16	0	0	0	0	0.01	0	0.11	0	0	0
1897	4	17	0.4	0.12	0.22	0.24	0.38	0.22	0.73	0.2	0.6	0.56
1897	4	18	0	0	0	0	0	0	0.01	0	0	0
1897	4	19	0	0	0	0	0.02	0	0.15	0	0.12	0
1897	4	20	0	0	0	0	0	0	0	0	0	0
1897	4	21	0	0	0	0	0	0	0	0	0	0.39
1897	4	22	0	0	0	0	0	0	0	0	0	0
1897	4	23	0	0	0	0	0	0	0.11	0	0	0
1897	4	24	0	0	0	0	0.01	0	0.11	0	0.14	0
1897	4	25	0	0	0	0	0.04	0	0.41	0	0	0
1897	4	26	0.08	0.02	0.02	0.06	0.09	0.03	0.07	0.13	0.08	0
1897	4	27	0	0.02	0.04	0.39	0	0.05	0.2	0	0.32	0.87
1897	4	28	0	0.04	0	0.04	0.4	0.03	0	0.09	0.51	0
1897	4	29	0	0	0.02	0.02	0	0	0	0	0	0.25
1897	4	30	0	0	0	0.07	0	0	0	0	0	0
1897	5	1	0.01	0	0	0	0	0	0.04	0	0.04	0
1897	5	2	1.1	1.14	1.43	0.27	0.32	0.29	0.08	0.17	0.04	0
1897	5	3	0.02	0.05	0.47	0.52	0.11	0.02	0.19	0.17	0.04	0
1897	5	4	0	0.3	0.06	0.07	0.24	0.25	0.03	0.29	0.08	0
1897	5	5	0	0	0	0	0.01	0	0	0	0	0
1897	5	6	0	0	0	0	0	0	0	0	0	1.15
1897	5	7	0	0	0.05	0.16	0	0	0	0	0	0
1897	5	8	0	0	0.06	0	0	0	0	0	0	0
1897	5	9	0	0	0	0.04	0	0	0.27	0.02	0.01	0
1897	5	10	0.32	0.53	0.18	0.26	0.3	0.42	0.05	0.26	0	0
1897	5	11	0	0.15	0.04	0	0	0	0	0.01	0	0.06
1897	5	12	0.59	0.19	0.38	0.3	0.49	0.47	0.25	0.62	0.25	0.4
1897	5	13	1.32	0.12	1.11	1.31	1.8	1.14	0	0.97	0.65	0
1897	5	14	0.06	0.05	0.01	0.03	0.01	0	0.54	0	0	0
1897	5	15	0.03	0	0.01	0	0.14	0	0.06	0	0.35	0
1897	5	16	0	0.04	0	0	0	0	0	0	0	0
1897	5	17	0	0	0	0	0	0	0	0	0	0
1897	5	18	0	0	0	0	0	0	0.02	0	0	0
1897	5	19	0	0	0	0	0	0	0	0.07	0	0
1897	5	20	0	0	0	0	0	0	0.39	0	0.28	0.39
1897	5	21	0.26	0.14	0.01	0.05	0.17	0	0.26	0.04	0	0
1897	5	22	0	0.04	0.02	0	0	0	0	0	0	0

1897	5	23	0	0	0	0	0	0	0.29	0	0	0
1897	5	24	1.29	0	0.02	0.25	0.21	0.07	0.04	0.32	0.6	0.1
1897	5	25	0.03	0.75	0.66	0.33	0.52	0.34	0.43	0.48	1.25	0.69
1897	5	26	0	0	0	0	0.01	0	0	0	0.34	0
1897	5	27	0	0.05	0.7	1.96	0.16	0.55	0.09	0.72	0.25	0.4
1897	5	28	0	0.01	0.12	0.03	0.14	0.21	0.71	0.42	0.66	0.42
1897	5	29	0	0	0.38	0.14	0.06	0.02	0	0.29	0.2	0.65
1897	5	30	0.4	0	0	0	0	0	0	0	0	0
1897	5	31	0.34	0.44	0.16	0.22	0	0.15	0	0.06	0	0
1897	6	1	0.05	0	0	0	0	0	0	0.02	0.01	0
1897	6	2	0	0	0	0	0	0	0	0	0	0
1897	6	3	0.11	0.01	0.05	0.09	0.15	0.67	0.36	0.21	0.47	0.45
1897	6	4	0.07	0.58	0.04	0	0.3	0.23	0.01	0.45	0.3	0.2
1897	6	5	0.02	0.05	0.78	0.18	0.07	0.17	0	0.23	0	0
1897	6	6	0	0	0	0	0	0	0	0	0	0
1897	6	7	0	0	0.03	0.05	0	0	0	0	0	0
1897	6	8	0.47	0	0	0	0	0	0	0	0	0
1897	6	9	1.89	1.22	0.06	0	1.91	2.2	0.35	0.89	0.82	0.5
1897	6	10	0	0.97	2.06	1.44	0.04	2.59	0.24	2.82	1.64	2.15
1897	6	11	0	0	0	0.04	0	0	0	0	0	0
1897	6	12	0.01	0	0.01	0.05	0.01	0.13	0.02	0.02	0.08	0.44
1897	6	13	0	0.26	0	0.11	0.1	0.92	0.21	0.4	0.05	0
1897	6	14	0	0.02	0.14	0.02	0.23	0.13	0	0.28	0.04	0.05
1897	6	15	0	0.01	0.12	0.09	0.01	0	0	0.32	0	0
1897	6	16	0	0	0.01	0.02	0	0	0	0	0	0
1897	6	17	0	0	0	0	0	0	0	0	0	0
1897	6	18	0	0	0.02	0.06	0	0	0	0	0	0
1897	6	19	0	0	0	0	0	0	0	0	0	0
1897	6	20	0.26	0.28	0.92	0.43	0	0.56	0.03	0.96	0.31	0.76
1897	6	21	0	0	0	0	0	0	0.09	0	0	0
1897	6	22	0	0	0	0	0	0	0	0	0	0
1897	6	23	0	0	0	0	0	0	0.03	0	0	0
1897	6	24	0	0	0	0.34	0.34	0	1.61	0	0.87	0
1897	6	25	0.01	0.03	0	0.08	0	0	0	0	0	0
1897	6	26	0	0	0	0	0	0	0	0	0	0
1897	6	27	0	0	0	0	0	0	0	0	0	0
1897	6	28	0	0	0	0.32	0	0	0.13	0	0.01	0
1897	6	29	0.02	0	0	0	0.04	0	0.05	0	0	0
1897	6	30	0.04	1.03	0.73	1	1.25	0.75	0.63	1.29	1	0.37
1897	7	1	0	0.05	0	0	0	0	0.29	0	0	0
1897	7	2	0.4	0.01	0	0	0	0	0	0	0	0
1897	7	3	0	0	0	0.03	0	0	0	0	0	0
1897	7	4	0	0	0	0	0	0	0	0	0	0

1897	7	5	0	0	0	0	0	0	0.1	0	0	0
1897	7	6	0	0	0	0	0.04	0	0.01	1.5	0.03	1.17
1897	7	7	0	0	0	0	0.01	0.03	0	0.08	0	0
1897	7	8	0	0	0	0	0	0	0	0	0	0
1897	7	9	0	0	0	0	0	0	0	0	0	0
1897	7	10	0	0	0.01	0	0	0	0	0	0	0
1897	7	11	0.06	0.07	0	0	0.02	0	0.88	0	0	0.15
1897	7	12	0.54	0	0.44	0.02	0.57	0.16	0.73	0	1.17	1.3
1897	7	13	2.29	0.29	0.4	0.77	0.49	4.82	0.63	3.44	1	0.97
1897	7	14	0.83	0.18	0.11	0.17	3.11	0.59	0.41	0.92	2.87	2.61
1897	7	15	0	0	0	0	0.01	0.33	0.01	0.15	0.97	0
1897	7	16	0	0	0	0	0	0	0	0	0	0
1897	7	17	0	0	0	0.06	0	0	0	0	0	0
1897	7	18	0.75	0	0	0	0	0	0	0	0	0
1897	7	19	0	0	0	0	0	0	0	0	0	0.1
1897	7	20	0.04	0.28	0	0	0.08	0.22	0.02	0	0.07	0.17
1897	7	21	0.06	0	0	0	0	0	0	0.82	0	0
1897	7	22	0.94	1.2	0.6	0.86	0.52	0.12	0.11	0.09	0.04	0
1897	7	23	1.17	0	0.08	0	0.23	0.12	0.02	0.47	0	0
1897	7	24	0.04	0.65	0.03	0.02	0.01	0.83	0.68	0.42	1.15	0.37
1897	7	25	0	0.01	0	0	0.06	0.53	0	0.02	0.19	0.15
1897	7	26	0.03	0	0	0	0.02	0	0	0.01	0.18	0.41
1897	7	27	0.11	0	0	0	0.02	0	0	0	0	0
1897	7	28	2.21	0	0	0	0.84	0	0.17	0	0.15	0
1897	7	29	0.09	1.48	0.59	0.53	0.64	0.78	0.26	0.61	0.3	0.81
1897	7	30	0	0	0.35	0.21	0	0	0	0	0	0
1897	7	31	0	0	0.01	0.38	0	0.03	0.1	0.02	0.36	0.5
1897	8	1	0	0	0	0	0	0.19	0.05	0.2	0.2	0.25
1897	8	2	0	0	0.03	0	0	0	0	0.01	0	0
1897	8	3	0	0	0	0	0	0	0	0	0	0
1897	8	4	0.04	0.58	0.11	0	0	0	0.11	0	0	0
1897	8	5	0.5	0.56	0.15	0	0.23	0	0	0.59	0	0
1897	8	6	0	0	0	0.15	0.06	0.83	0	0	0	0
1897	8	7	0	0	0	0	0	0	0	0	0	0
1897	8	8	0	0	0	0	0	0	0	0	0	0
1897	8	9	0.04	0	0	0	0	0.14	0	0	0	0.25
1897	8	10	0	0.01	0	0	0	0	0.09	0	0.53	0
1897	8	11	0.19	0.04	0.17	0.55	1.45	0.39	0.23	0.28	1.82	0.4
1897	8	12	0.01	0	0	0	0.01	0.17	0	0	0	0.71
1897	8	13	0	0	0	0	0	0	0	0	0	0
1897	8	14	0	0	0	0	0	0	0	0	0.04	0
1897	8	15	0.07	0	0	0	0.13	0.04	0.25	0.12	0.31	0.12
1897	8	16	0.28	0.42	0.11	0.49	0	0.26	0.22	0.28	0.12	0.15

1897	8	17	0	0	0.06	0.21	0	0.13	0.24	0.42	0	0
1897	8	18	0.02	0.02	0	0.21	0	0	0	0	0	0
1897	8	19	0	0.43	0.09	0	0.31	0.01	0.1	0	0.25	0.51
1897	8	20	0	0	0	0	0.1	0	0	0.18	0.06	0
1897	8	21	0	0	0	0	0	0	0	0	0	0
1897	8	22	0.12	0.44	0.04	0.3	0.43	0.46	0.03	0	0	0
1897	8	23	0.04	0	0	0	0	0	0	0	0	0
1897	8	24	2.27	1.45	0.62	0.7	1.71	0.96	0.02	0.65	0.63	0.74
1897	8	25	0.18	0	0.03	0.05	0	0	0.54	0.04	0	0
1897	8	26	0.01	0	0	0	0	0	0	0.02	0	0
1897	8	27	0	0	0	0	0	0	0.02	0	0	0
1897	8	28	0	0	0	0	0	0	0	0	0	0
1897	8	29	0	0	0	0	0	0	0	0	0	0
1897	8	30	0	0	0	0	0	0	0.05	0	0.06	0.1
1897	8	31	0	0	0	0	0	0	0	0	0	0
1897	9	1	0	0	0	0	0	0	0	0	0	0
1897	9	2	1.02	0.55	0.05	0.24	0.6	0.26	0	0.12	0	0
1897	9	3	0	0	0	0	0	0	0	0	0	0
1897	9	4	0	0	0	0	0	0	0	0	0	0
1897	9	5	0	0	0	0	0	0	0	0	0	0
1897	9	6	0	0	0	0	0	0	0	0	0	0
1897	9	7	0	0	0	0	0	0	0.02	0	0	0
1897	9	8	0	0	0	0	0	0	0.01	0	0	0
1897	9	9	0	0	0	0	0	0	0	0	0	0
1897	9	10	0	0	0	0	0	0	0.02	0	0	0
1897	9	11	0	0.11	0.13	0.09	0	0.02	0	0.14	0.02	0.1
1897	9	12	0	0	0	0.19	0	0	0.03	0	0	0
1897	9	13	0.02	0.18	0.18	0	0.12	0.34	0.26	0.1	0.23	0.15
1897	9	14	0	0	0	0	0	0	0	0	0	0
1897	9	15	0	0	0	0	0	0	0	0	0	0
1897	9	16	0	0	0.18	0	0	0	0.03	0	0.02	0
1897	9	17	0	0.11	0.09	0.61	0	0.07	0.02	0	0.22	0
1897	9	18	0	0	0	0	0	0	0	0	0	0
1897	9	19	0	0	0	0	0	0	0.13	0	0.03	0
1897	9	20	0	0.74	0.45	0.16	0.82	0.04	0.38	0.33	0.73	1
1897	9	21	0	0	0.72	1.38	0.05	0	0	0	0	0
1897	9	22	0	0	0	0	0	0	0	0	0	0
1897	9	23	0.31	0	0	0	0.04	0	0	0	0.63	0
1897	9	24	0.4	0.61	0.37	0.36	0.18	0.44	0	0.48	0.44	0.05
1897	9	25	0	0	0	0	0	0	0.24	0	0	0
1897	9	26	0.06	0.08	0.17	0.08	0.06	0.05	0.01	0.15	0.4	0.35
1897	9	27	0	0	0	0	0	0	0	0	0	0
1897	9	28	0	0	0	0	0	0	0	0	0	0

1897	9	29	0	0	0	0	0	0	0	0	0.01	0
1897	9	30	0	0	0	0	0	0	0	0	0	0
1897	10	1	0	0	0	0	0	0	0	0	0	0
1897	10	2	0.01	0	0	0	0	0	0	0	0	0
1897	10	3	0	0	0	0	0	0	0	0	0	0
1897	10	4	0	0	0	0	0	0	0	0	0	0
1897	10	5	0	0	0	0	0	0	0.05	0	0	0
1897	10	6	0	0	0	0	0.01	0	0	0	0.01	0.05
1897	10	7	0.02	0	0	0	0.01	0	0	0.03	0	0
1897	10	8	0	0.02	0.01	0	0	0.02	0.02	0	0.02	0
1897	10	9	0	0	0.02	0.02	0	0.01	0	0	0	0
1897	10	10	0	0	0	0	0	0	0	0	0	0
1897	10	11	0	0	0.04	0.25	0	0	0	0.03	0	0.2
1897	10	12	0.32	0.28	0.36	0.58	0.7	0.54	0.26	1.14	0.88	1.23
1897	10	13	0	0	0	0	0.11	0	0	0	0	0
1897	10	14	0	0	0	0	0	0	0	0	0	0
1897	10	15	0	0	0	0	0	0	0	0	0	0
1897	10	16	0	0	0	0	0	0.01	0.13	0.04	0.08	0.1
1897	10	17	0	0	0	0.07	0	0	0	0.01	0	0
1897	10	18	0	0	0	0	0	0	0	0	0	0
1897	10	19	0	0	0	0	0	0	0	0	0	0
1897	10	20	0	0	0	0	0	0	0	0	0	0
1897	10	21	0	0.11	0	0	0	0	0	0	0	0
1897	10	22	0.02	0	0	0	0.01	0	0	0	0	0
1897	10	23	0	0	0	0	0	0	0	0	0	0
1897	10	24	0.14	0	0	0	0	0	0	0	0	0
1897	10	25	0.21	0	0	0	0	0	0	0	0	0
1897	10	26	0	0	0	0	0	0	0	0	0	0
1897	10	27	0	0	0	0	0	0	0	0	0	0
1897	10	28	0	0	0.02	0	0.09	0	0.16	0	0.14	0
1897	10	29	0	0	0.01	0.03	0.08	0	0.03	0	0.4	0
1897	10	30	0	0	0	0	0	0	0	0	0	0
1897	10	31	0	0	0	0	0	0	0	0	0	0
1897	11	1	1.21	0.42	0.31	0.25	0.4	0.26	0.35	0.49	0.5	0.5
1897	11	2	1.08	1.74	1.92	1.42	1.66	2.4	0.64	1.93	0.75	1.88
1897	11	3	0	0.09	0.06	0.11	0.03	0	0.11	0.04	0.44	0
1897	11	4	0	0	0	0	0	0	0	0	0	0
1897	11	5	0	0	0	0	0	0	0	0	0	0
1897	11	6	0	0.16	0.24	0.24	0	0	0.27	0.13	0.1	0
1897	11	7	0	0	0	0	0	0	0	0	0	0
1897	11	8	0.06	0.02	0	0	0.09	0	0	0	0	0
1897	11	9	0.2	0.6	1.04	1.15	0.69	1.14	0.87	1.03	0.85	0.91
1897	11	10	0	0	0	0	0	0	0	0	0.05	0

1897	11	11	0.69	0	0	0	0.18	0	0.32	0	0	0.2
1897	11	12	0	1.77	1.49	1.1	0.43	1.35	0.35	0.95	0.52	0.4
1897	11	13	0	0	0	0	0	0	0	0	0	0
1897	11	14	0	0	0	0	0	0	0	0	0	0
1897	11	15	0.1	0	0	0	0.01	0	0	0	0	0
1897	11	16	0.13	0.02	0.18	0.21	0.18	0.16	0.51	0.2	0.45	0.34
1897	11	17	0.01	0.16	0.12	0	0.01	0.05	0	0	0	0
1897	11	18	0	0	0	0	0	0	0	0	0	0
1897	11	19	0	0	0	0	0.15	0	0	0	0	0
1897	11	20	0	0.22	0.01	0	0.06	0.14	0	0.09	0.01	0
1897	11	21	0	0	0.12	0.16	0	0.07	0.02	0	0	0
1897	11	22	0	0	0	0	0	0	0	0	0	0.2
1897	11	23	0.12	0.29	0.05	0.09	0.2	0.17	0	0.09	0	0
1897	11	24	0	0	0	0	0	0	0	0	0	0.1
1897	11	25	0	0	0.06	0.14	0.06	0	0.15	0	0.03	0
1897	11	26	0.18	0.03	0.14	0.15	0.05	0.01	0.49	0.17	0.01	0.3
1897	11	27	0.66	0.56	0.72	0.71	0.38	0.65	0.21	0.37	0	0.5
1897	11	28	0	0	0	0	0	0	0	0	0	0
1897	11	29	0.08	0.1	0.21	0.21	0.07	0.19	0.23	0.16	0.1	0.08
1897	11	30	0	0.01	0.02	0	0	0	0	0	0	0
1897	12	1	0	0.01	0.17	0.23	0.01	0	0.43	0	0.26	0.08
1897	12	2	0	0	0	0	0	0	0	0	0	0
1897	12	3	0.12	0.03	0	0	0.02	0.04	0	0	0.03	0.9
1897	12	4	0.35	0.02	0	0	0.06	0	0.38	0	0	0
1897	12	5	0.24	0.25	0.84	0.85	0.88	0.84	0.34	1.07	0.58	0
1897	12	6	0	0	0	0	0	0.13	0	0	0	0
1897	12	7	0	0.09	0.15	0	0.01	0	0.4	0.08	0.01	0
1897	12	8	0	0.04	0.26	0.36	0.02	0	0.01	0	0.01	0
1897	12	9	0	0	0	0	0	0	0	0	0	0
1897	12	10	0	0	0	0	0	0	0	0	0	0
1897	12	11	0	0.03	0	0	0	0	0.56	0	0	0
1897	12	12	0.45	0.4	0.4	0.46	0.45	0.49	0.11	0.36	0.08	0.2
1897	12	13	0	0	0	0	0	0	0	0	0	0
1897	12	14	2.22	1.1	0.51	0.17	0.87	0.71	0.77	0.25	0.4	0
1897	12	15	0.06	1.1	1.16	0.75	1.12	2.15	1.06	2.35	0.58	1.8
1897	12	16	0	0	0	0	0	0	0.02	0	0	0.18
1897	12	17	0	0	0	0.07	0	0	0.29	0	0	0
1897	12	18	0	0.02	0	0.07	0.01	0	0.01	0.01	0	0
1897	12	19	0	0	0	0	0	0	0	0	0	0
1897	12	20	0.09	0	0	0	0.18	0	0.17	0.14	0.02	0
1897	12	21	0.01	0.16	0.1	0.2	0.02	0	0.2	0	0.08	0
1897	12	22	0.01	0	0	0	0	0	0.05	0	0	0
1897	12	23	0	0	0.05	0.02	0.04	0.03	0.53	0.02	0	0

1897	12	24	0	0	0.01	0	0	0	0.05	0	0	0
1897	12	25	0	0	0	0	0	0	0	0	0	0
1897	12	26	0.29	0.26	0.09	0.15	0	0.06	0.13	0.04	0	0
1897	12	27	0	0	0	0	0	0	0	0	0	0
1897	12	28	0	0	0	0	0	0	0	0	0	0
1897	12	29	0.11	0	0	0	0	0	0.08	0	0	0
1897	12	30	0	0.07	0.36	0.3	0.05	0.12	0.97	0.07	0.01	0.25
1897	12	31	0.92	0.34	0.12	0.2	0.64	0.21	0.11	0.28	0.02	0
1898	1	1	0.01	0.13	0.53	0.8	0.36	0.74	1.06	0.5	0.38	1
1898	1	2	0	0	0	0	0	0	0.03	0	0	0
1898	1	3	0	0	0	0	0	0	0.16	0	0.05	0.15
1898	1	4	0	0	0	0	0.02	0	0.05	0	0.04	0
1898	1	5	0	0.05	0.36	0.4	0.08	0.26	0.13	0.18	0.15	0.15
1898	1	6	0.05	0	0	0	0	0	0.24	0	0	0
1898	1	7	0.16	0.19	0.54	0.65	0.02	0.27	0.05	0.41	0	0
1898	1	8	0	0	0	0	0	0	0.06	0	0	0
1898	1	9	0.01	0	0	0	0	0	0	0	0	0.35
1898	1	10	0.07	0	0	0	0	0	0	0	0	0
1898	1	11	0	0	0	0	0	0	0	0	0	0
1898	1	12	0.1	0.02	0.25	0.31	0.02	0.17	0.46	0.17	0.2	0
1898	1	13	0	0	0.19	0.21	0.03	0.03	0.18	0.08	0.22	0.6
1898	1	14	0	0	0	0	0	0	0	0	0	0
1898	1	15	0.41	0.29	0.28	0.27	0.12	0.22	0.85	0.37	0.28	0
1898	1	16	0	0.02	0.08	0	0.01	0.06	0	0.05	0	0
1898	1	17	0	0	0	0	0	0	0	0	0	0
1898	1	18	0	0	0	0	0	0	0.06	0	0	0
1898	1	19	0	0	0	0	0	0	0	0	0	0
1898	1	20	0.56	0.86	1.26	1	0.92	1.3	1.05	1.12	0.31	0.75
1898	1	21	0	0	0.02	0	0.02	0	0.09	0	0.02	0
1898	1	22	0.6	0	0.06	0	0	0	0.03	0	0	0
1898	1	23	1.03	0.93	1.33	0.95	0.46	1.06	1.69	1.02	0.45	0.8
1898	1	24	0	0	0	0	0	0	0.04	0	0.18	0
1898	1	25	0.65	0	0	0	0.08	0	0	0	0	0
1898	1	26	0.01	0.56	1.02	0.65	0.66	0.54	0.22	0.67	0.32	0
1898	1	27	0.01	0	0	0	0	0	0	0	0	0
1898	1	28	0	0	0	0	0	0	0	0	0	0
1898	1	29	0.12	0	0	0	0.01	0	0	0	0	0
1898	1	30	0	0	0	0	0	0	0	0	0	0
1898	1	31	0.47	0.45	0.69	0.3	0.15	0.29	0.39	0.17	0	0.2
1898	2	1	0.01	0.93	1.1	0.75	1.39	1.45	0.45	0.48	1.25	0.66
1898	2	2	0	0	0	0	0	0	0	0	0	0
1898	2	3	0	0	0	0	0	0	0.01	0	0	0
1898	2	4	0	0	0	0	0	0	0	0	0	0

1898	2	5	0	0	0	0.48	0	0.02	0.25	0.17	0	0
1898	2	6	0	0.18	0.34	0	0	0.12	0	0	0	0
1898	2	7	0	0	0	0	0	0	0	0	0	0
1898	2	8	0	0	0	0	0	0	0	0	0	0
1898	2	9	0	0	0	0	0	0	0.08	0	0	0.05
1898	2	10	0	0	0	0	0	0	0	0	0	0
1898	2	11	0	0	0	0	0	0	0	0	0	0.15
1898	2	12	0.13	0.14	0.18	0.09	0	0.11	0.48	0.04	0	0
1898	2	13	0	0	0	0	0	0	0	0	0	0
1898	2	14	0.04	0	0	0.07	0.03	0	0.06	0	0	0.15
1898	2	15	0.11	0.02	0.15	0.1	0.17	0.21	0.16	1.3	0.05	0
1898	2	16	0	0.15	1.31	1.45	0.53	0.66	1.23	0	0.43	0.1
1898	2	17	0	0	0	0	0	0	0	0	0	0
1898	2	18	0.04	0.01	0	0	0.02	0	0	0	0.01	0.05
1898	2	19	0.56	0	0	0	0	0	0	0	0	0
1898	2	20	3.07	0.57	0.02	0	0.8	0.34	1.05	0.6	0.54	0.5
1898	2	21	0.14	2.45	1.06	1	0.36	0.8	0.65	0	0.03	0.3
1898	2	22	0	0.19	3.06	0.75	0.15	0.29	0.22	0.22	0.01	0.18
1898	2	23	0.07	0.17	0.38	0.53	0.06	0.26	0.2	0.23	0.51	0.1
1898	2	24	0	0	0.01	0	0.02	0	0.09	0	0	0.05
1898	2	25	0	0	0	0	0.04	0	0.05	0	0.05	0.1
1898	2	26	0.05	0	0	0.19	0	0	0.14	0	0.05	0
1898	2	27	0	0	0	0.04	0	0	0.05	0	0.05	0.1
1898	2	28	0	0	0	0	0	0	0.01	0	0	0
1898	3	1	0	0	0	0	0	0	0	0	0	0
1898	3	2	0.2	0	0	0	0	0	0	0	0	0
1898	3	3	0	0.1	0	0	0.2	0	0	0	0	0
1898	3	4	0.16	0.13	0	0	0	0	0	0	0	0
1898	3	5	0	0.24	0.24	0.3	0	0.07	0	0	0	0
1898	3	6	0	0	0	0	0	0	0	0	0	0
1898	3	7	0	0	0	0	0	0	0	0	0	0
1898	3	8	0	0	0	0	0	0	0	0	0	0
1898	3	9	0	0	0	0	0	0	0	0	0	0
1898	3	10	0	0	0	0	0	0	0	0	0	0
1898	3	11	0	0	0	0	0	0	0.01	0	0	0
1898	3	12	0	0.06	0.08	0.18	0.1	0.03	0.54	0.09	0	0
1898	3	13	0.11	0	0	0.04	0.01	0	0.33	0	0.05	0.3
1898	3	14	0	0	0	0	0	0	0	0	0	0
1898	3	15	0	0	0	0	0	0	0	0	0	0
1898	3	16	0.01	0	0	0	0	0	0.09	0	0.02	0.1
1898	3	17	0.06	0.02	0.02	0.12	0	0	0.22	0	0.12	0.2
1898	3	18	0	0	0	0	0	0	0	0	0	0
1898	3	19	0.18	0.38	0.18	0.41	0.16	0.3	0.28	0.3	0	0.2

1898	3	20	0.01	0.07	0.16	0	0.04	0.05	0	0	0	0.1
1898	3	21	0.57	0	0	0.07	0	0	0	0	0	0
1898	3	22	0.35	0	0	0	0.05	0	0	0	0	0
1898	3	23	0	0.08	0.06	0	0.03	0.04	0.17	0.02	0.22	0
1898	3	24	0	0	0	0	0	0	0	0	0	0
1898	3	25	0	0	0	0	0	0	0	0	0	0
1898	3	26	0	0	0	0	0	0	0	0	0	0
1898	3	27	0.26	0	0	0	0	0	0	0	0.1	0
1898	3	28	0.01	0	0	0	0	0	0.37	0	0.09	0
1898	3	29	0.56	0.03	0.02	0.14	0.49	0.06	0.63	0.15	0.39	0.25
1898	3	30	0.16	0.3	0.15	0	0	0.09	0	0.03	0	0
1898	3	31	0.14	0.41	0.3	0.5	0	0.2	0	0.2	0.05	0.08
1898	4	1	0	0	0	0	0	0	0	0	0	0
1898	4	2	0	0.09	0	0	0.01	0.04	0.03	0	0	0
1898	4	3	0	0.09	0	0	0	0	0	0	0	0
1898	4	4	0	0	0	0	0	0	0.08	0	0.02	0
1898	4	5	0.24	0.26	0.28	0.2	0.09	0.14	0.04	0.2	0	0
1898	4	6	0	0.08	0.37	0.4	0.03	0.11	0.01	0	0	0
1898	4	7	0	0	0	0	0	0	0	0	0.03	0
1898	4	8	0	0	0	0	0	0	0	0	0	0
1898	4	9	0	0	0	0	0	0	0	0	0	0
1898	4	10	0.1	0.02	0	0	0.13	0	0	0	0	0
1898	4	11	0	0.11	0	0	0	0	0	0	0	0
1898	4	12	0	0	0	0	0	0	0	0	0	0
1898	4	13	0	0	0	0	0	0	0	0	0	0
1898	4	14	0.04	0	0.08	0.03	0	0.03	0	0.02	0	0.2
1898	4	15	0.24	1.02	0.29	0.29	0.43	0.77	0	0.3	0.02	0
1898	4	16	0.01	0.04	0.16	0	0.11	0.68	0	0.3	0.06	0
1898	4	17	0.05	0	0	0	0	0	0	0	0	0
1898	4	18	0	0.01	0	0	0.04	0	0	0	0	0
1898	4	19	0.5	0.07	0	0	0.05	0	0.03	0	0.06	0
1898	4	20	0	0.57	0.45	0.15	0.1	0.41	0.7	0.31	0.45	0.1
1898	4	21	0	0	0.08	0.08	0.01	0.01	0.2	0.04	0.31	0.05
1898	4	22	0	0	0	0	0	0	0	0	0	0
1898	4	23	0.01	0.14	0.25	0.12	0.21	0.25	0	0.25	0.31	0.15
1898	4	24	1.36	1.94	1.65	1.45	1.03	1.46	0	1.43	0.7	1.05
1898	4	25	0.04	0.64	0.05	0.09	0.33	0.06	0	0.12	0.22	0.34
1898	4	26	0.05	0.06	0	0	0.05	0.04	0	0.05	0	0
1898	4	27	0	0	0	0	0	0	0	0	0	0
1898	4	28	0.41	0.79	0.06	0	0.01	0	0	0	0	0
1898	4	29	0.2	0.46	0.61	0.63	0	0.24	0.07	0.23	0.15	0
1898	4	30	0	0	0	0	0	0	0	0	0	0
1898	5	1	0	0	0	0	0	0	0	0	0	0

1898	5	2	0	0	0	0	0.07	0	0	0	0	0.5
1898	5	3	0.01	0	0.01	0	0.51	0	0.02	0	0	0
1898	5	4	0.01	0.18	0	0	0.07	0.27	0.11	0.18	0.3	0
1898	5	5	0.17	0.01	0	0.15	0.14	0	0	0.08	0.58	0
1898	5	6	0.07	0.27	0.3	0	0.34	0.26	0	0	0	0
1898	5	7	0.67	0	0	0	0	0	0	0	0	0
1898	5	8	1.36	0	0	0	0	0	0	0	0	0
1898	5	9	0	0	0	0	0	0	0	0	0	0
1898	5	10	0	0	0	0	0	0	0	0	0.02	0
1898	5	11	0.11	0	0.02	0.04	0.02	0	0.3	0.37	0.1	0.31
1898	5	12	0.32	0	0	0.06	0.51	0.06	0.64	0.22	0.24	0.34
1898	5	13	0	0	0.02	0	0	0.21	0	0.18	0	0
1898	5	14	0	0	0	0	0	0	0.09	0	0.05	0
1898	5	15	1.14	0.14	0	0	0.11	0	0	0	0	0
1898	5	16	0.22	0.29	0.11	0	0.1	0.22	0.07	0.18	0	0
1898	5	17	0	0.07	0.11	0	0.01	0	0.03	0	0.02	0.3
1898	5	18	0	0	0	0	0	0	0	0	0	0
1898	5	19	0.19	0	0	0	0.24	0	0.01	0	0.13	0
1898	5	20	0.02	0.06	0	0.07	0.01	0.03	0.09	0	0.12	0
1898	5	21	0	0	0	0	0	0	0	0	0	0
1898	5	22	0	0	0	0	0	0	0	0	0	0
1898	5	23	0.59	0	0	0	0.3	0.13	0.25	0.17	0.13	0.2
1898	5	24	0.58	0.15	0.43	0.26	0.16	0.37	0.57	0.38	0.23	0.94
1898	5	25	0	1.74	0.51	0.21	0.09	0.61	0.09	0.99	0.15	0.1
1898	5	26	1.13	0	0	0	0.13	0.28	0	0.24	0	0
1898	5	27	0.1	1.42	1.02	0.52	1.19	0.47	0	0.39	0.07	0.65
1898	5	28	0.03	0	0.02	0	0	0.01	0.03	0.02	0	0.15
1898	5	29	0	0	0.02	0.09	0	0	0.32	0	0	0
1898	5	30	0	0	0.04	0.2	0.07	0	0	0	0	0
1898	5	31	0	0	0.01	0	0	0	0	0	0	0
1898	6	1	0	0	0	0	0	0	0	0	0	0
1898	6	2	0	0.04	0.09	0	0	0.05	0	0.01	0	0.48
1898	6	3	0	0.23	0.21	0	0	0.12	0	0.03	0	0
1898	6	4	0	0.31	0.38	0	0	0.04	0	0.07	0	0
1898	6	5	0	0.02	0	0	0	0	0.14	0	0	0
1898	6	6	0	0	0	0	0.84	0.15	0	0.31	0	0
1898	6	7	0	0	0.03	0	0	0	0	0	0	0
1898	6	8	0	0	0	0	0.11	0	0.15	0.32	0.05	0
1898	6	9	0	0.01	0.31	0.07	0.38	0.25	0.08	0.83	0.85	0
1898	6	10	0	0	0	0.08	0	0	0	0	0	0
1898	6	11	0.05	0	0.06	0	0.37	0.01	0.23	0.12	0.35	0
1898	6	12	0.07	0	1.02	0.02	0.44	0.49	0.72	0.05	0.78	0.15
1898	6	13	0	0	0.18	0	1.48	0	0.01	0	0	0.05

1898	6	14	0.01	0.17	0.58	0	0.67	0.56	0.8	0.58	0.05	0
1898	6	15	0	0	0	0	0	0	0	0	0.02	0
1898	6	16	0	0	0	0	0	0	0	0	0	0
1898	6	17	0	0	0	0	0	0	0	0	0	0
1898	6	18	0	0	0	0	0	0	0.72	0	0.08	0.3
1898	6	19	0.26	0.56	0.68	0.09	0.72	0.57	0.18	0.58	0.1	1.3
1898	6	20	0	0	0.36	0.21	0.02	0.27	0	0.38	0.02	0.85
1898	6	21	0.22	0.2	0	0.06	0	0	0.22	0	0.35	0
1898	6	22	0.32	0	0	0	0.15	0.35	0.17	0.26	0.03	0.1
1898	6	23	0	0	0.01	0	0	0.15	0	0.15	0	0
1898	6	24	0	0	0	0	0	0	0.02	0	0	0
1898	6	25	0.15	0	0.04	0	0.28	0.05	0.27	0.38	0	0
1898	6	26	0	0	0	0.45	0	0	1	0	0.05	0
1898	6	27	0	0	0	0	0	0	0	0	0	0
1898	6	28	0.17	0.02	0.02	0	0.12	0.04	0.85	0.01	0.18	0
1898	6	29	0	0.04	0.01	0	0	0	0	0	0.02	0
1898	6	30	0	0	0	0	0	0	0.01	0	0	0
1898	7	1	0	0	0.02	0	0	0	0	0	0	0
1898	7	2	0	0	0	0.1	0	0	0	0	0	0
1898	7	3	0	0	0	0.18	0	0	0.03	0	0	0
1898	7	4	0.67	0.51	0	0.06	0	0	0	0	0.25	0.15
1898	7	5	0	0.05	0	0	0	0	0	0	0	0
1898	7	6	0	0	0	0.1	0	0	0	0	0	0
1898	7	7	0	0	0	0	0	0	0	0	0	0
1898	7	8	0	0	0	0.38	0	0	0.12	0	0.3	0.1
1898	7	9	0.25	0.26	0.01	0.19	0.05	0.01	0.12	0.04	0.16	0.2
1898	7	10	0	0	0.01	0	0.04	0	0	0	0.04	0
1898	7	11	0	0	0	0.12	0	0	0	0	0	0
1898	7	12	0.01	0	0	0.18	0	0	0	0	0	0
1898	7	13	2.17	2.24	0.77	0.12	0	0.53	0	0.11	0	0
1898	7	14	0	0.02	0.03	0.6	0	0	0	0	0	0
1898	7	15	0	0	0	0	0	0	0.01	0	0	0
1898	7	16	0	0	0	0	0	0	0	0	0	0
1898	7	17	0	0	0	0	0	0	0	0	0	0
1898	7	18	0	0	0	0	0.01	0.03	0.09	0	0.12	0
1898	7	19	0.24	0.43	0.43	0.92	0.33	0	0	0.25	0.41	0.5
1898	7	20	0	0.03	0.07	0.3	0	0	0.59	0	0	0
1898	7	21	0	0.14	0.16	0.17	0.11	0.52	0.12	2.35	0	0
1898	7	22	0.02	0	0	0.1	0	0	0	0	0	0
1898	7	23	0	0	0	0	0	0	0	0	0.13	0.4
1898	7	24	0	0	0.01	0	0.03	0.13	0	0.15	0	0
1898	7	25	0	0	0	0.04	0	0	1.01	0	0	0
1898	7	26	0	0.29	0.25	0	0.46	0.09	0	0.07	0	0

1898	7	27	0.14	0.01	0	0	0	0	0.02	0	0	0
1898	7	28	0.19	0.33	0.02	0	0.03	0	0	0	0	0
1898	7	29	0	0	0	0	0	0	0	0	0	0
1898	7	30	0.71	0.11	0	0	0	0	0	0	0	0
1898	7	31	0.01	0	0	0	0.01	0	0	0	0.1	0.1
1898	8	1	0.04	0	0	0	0.33	0	0.42	0.26	0.54	0.6
1898	8	2	0	0	0.01	0.12	0.14	0	0	0.04	0	0
1898	8	3	0	0	0	0	0	0	0.01	0	0	0
1898	8	4	0.05	0.31	0.03	0	0.72	0.14	0.03	0.12	0.16	0.55
1898	8	5	1.15	0.78	0.96	0.92	0.38	0.61	0.03	0.51	0.02	0
1898	8	6	0	0	0	0	0	0	0	0	0	0
1898	8	7	0	0	0	0	0	0	0.01	0	0	0
1898	8	8	0.11	0.13	0.03	0.02	0.31	0.37	0	0.16	0.28	0.36
1898	8	9	0	0.03	0.03	0.09	0.25	0.06	0	0.1	0	0
1898	8	10	0.79	0.18	0.02	0	0.09	0.12	0	0	0	0
1898	8	11	0.07	1.97	0.43	0	0	0.35	0	0	0	0
1898	8	12	0.23	0	0	0	0	0	0.1	0	0	0
1898	8	13	0.06	0.3	0.04	0.02	0.19	0.05	0.11	0.1	0.04	0
1898	8	14	0	0	0	0	0	0	0	0	0	0
1898	8	15	0	0	0	0	0.05	0	0	0.03	0	0
1898	8	16	0	0	0	0.02	0.32	0	0.04	0	0	0
1898	8	17	0	1.03	0	0.08	0.09	0.01	0.53	0	0.44	0
1898	8	18	0.02	0	0	0.02	0.16	0	0	0	0	0
1898	8	19	0.63	0.99	0.47	1.5	0.41	1.67	0	1.29	0	0
1898	8	20	0	0	0.01	0	0.01	0	0	0	0	0
1898	8	21	0	0	0	0.04	0	0	0.02	0	0	0
1898	8	22	0	0	0	0	0.64	0	0	0	0.06	0.05
1898	8	23	0	0.36	0.12	0.02	0.5	0.42	0.04	0.27	0.2	0.45
1898	8	24	0.31	0.04	1.09	0.84	1.86	0.37	0.17	0.63	1.2	0.32
1898	8	25	0.01	0.26	0.27	0.04	0.21	0.32	0.21	0.08	1.56	0.06
1898	8	26	0	0	0.34	0	0	0.25	0.02	0.32	0	0
1898	8	27	0	0	0	0	0	0	0	0	0	0
1898	8	28	0	0	0	0	0	0	0	0	0	0
1898	8	29	0	0	0	0	0	0	0.81	0	0.08	0
1898	8	30	0	0	0.03	0	0.01	0	0.01	0	0	0
1898	8	31	0	0	0	0	0	0	0	0	0	0
1898	9	1	0	0	0	0	0	0	0.23	0	0	0.19
1898	9	2	0	0	0.08	0.03	0.19	0	0.66	0.3	0.02	0.07
1898	9	3	0.16	0.27	0.05	0.1	0	0.72	0	0	0	0.04
1898	9	4	0	0	0.13	0.17	0.02	0.18	0.1	0.76	0.1	0.26
1898	9	5	0	0	0.04	0	0	0.01	0	0	0	0
1898	9	6	0	0	0.02	0	0.02	0	0.06	0	0	0
1898	9	7	0.35	0.55	0.73	0.46	0.7	0.29	0.55	0.31	0.95	0.3

1898	9	8	0	0	0.06	0	0	0.15	0.04	0.04	0	0
1898	9	9	0	0	0	0	0	0	0	0	0	0
1898	9	10	0	0	0	0	0	0	0.16	0	0	0
1898	9	11	0	0	0	0	0	0	0	0	0	0
1898	9	12	0	0	0	0	0	0	0	0	0	0
1898	9	13	0	0	0	0	0	0	0	0	0	0
1898	9	14	0	0	0	0	0	0	0	0	0	0
1898	9	15	0.01	0	0	0	0	0	0	0	0	0
1898	9	16	0.26	0	0	0	0.17	0	0.03	0.03	0	0
1898	9	17	0	0	0	0	0	0	0	0	0	0
1898	9	18	0	0	0.12	0.15	0.05	0.17	1.45	0.25	0.2	0.65
1898	9	19	0	0	0	0	0	0	0.11	0.02	0	0.03
1898	9	20	0	0	0	0	0	0	0	0	0	0
1898	9	21	0	0	0	0	0	0	0.01	0	0	0
1898	9	22	0.03	0	0	0	0	0	0.05	0	0	0
1898	9	23	0.88	0.74	1.11	0.75	0.31	0.52	1.9	0.79	1.75	0.64
1898	9	24	0	0.02	0.99	1.02	0.08	2.95	0.12	1.6	1.31	0.36
1898	9	25	0	0.02	0	0	0	0	0.36	0.02	0	0
1898	9	26	0.01	0	0	0	0	0	0.22	0	0	0
1898	9	27	0	0.33	0.15	0.22	0.07	0.9	0.03	0.23	0.68	0
1898	9	28	0	0	0	0	0	0	0	0	0	0
1898	9	29	0	0	0	0	0	0	0	0	0	0
1898	9	30	0	0	0	0	0	0	0	0	0	0
1898	10	1	0	0	0	0	0	0	0	0	0	0
1898	10	2	0	0	0	0	0	0	0	0	0	0
1898	10	3	0	0	0	0.14	0	0	0.99	0	0	0
1898	10	4	0.16	0	0.04	0.03	0	0	0.03	0.05	0.03	0.05
1898	10	5	0.31	1.31	0.19	0.39	1.05	1.14	0.23	0.85	0.58	0.24
1898	10	6	0	0	0	0	0	0	0	0	0.16	0
1898	10	7	0	0	0	0	0	0	0	0	0	0
1898	10	8	0.29	0.22	0.25	0.11	0.49	0.79	0	0.53	0.36	0.1
1898	10	9	0	0	0	0	0	0	0	0	0	0
1898	10	10	0	0	0	0	0	0	0	0	0	0
1898	10	11	0.06	0	0	0	0	0	0.17	0	0	0
1898	10	12	0.71	0.65	0.1	0.07	0.38	0.07	0.03	0.12	0.15	0.3
1898	10	13	0	0	0	0	0	0	0	0	0	0
1898	10	14	0.73	0	0	0	0	0	0.32	0	0.22	0
1898	10	15	0	0.66	0.87	0.9	0.74	0.96	0.67	0.79	0.7	1
1898	10	16	0	0	0	0	0	0	0	0	0.44	0
1898	10	17	0	0	0	0	0	0	0	0	0	0
1898	10	18	0	0	0	0	0	0	0	0	0	0
1898	10	19	0.94	0.78	0.17	0.01	0.15	0.53	0.95	0.55	0.3	0.3
1898	10	20	0	0.03	1	0.66	0	0.24	0.01	0.17	0	0

1898	10	21	1.1	0.03	0.03	0	0.01	0	0.11	0	0	0
1898	10	22	0.31	1.53	1.33	1.24	0.14	0.96	0.48	0.96	0.03	0.1
1898	10	23	0	0	0	0	0	0	0.05	0	0.01	0
1898	10	24	0	0	0	0	0	0	0	0	0	0
1898	10	25	0	0	0	0	0	0	0	0	0	0
1898	10	26	1.25	1.43	1.41	1.52	0.5	0.48	0.32	0.44	0.5	0
1898	10	27	0	0.4	0.22	0.6	0.57	0.32	0.19	0.64	0.68	0.7
1898	10	28	0	0	0	0	0	0	0	0	0	0
1898	10	29	0	0.06	0.15	0.11	0	0.03	0	0	0	0
1898	10	30	0.19	0.07	0.14	0.41	0.26	0.04	0.02	0.09	0	0.05
1898	10	31	0	0	0	0.04	0	0	0	0	0.01	0
1898	11	1	0	0	0	0	0	0	0	0	0	0
1898	11	2	0	0	0	0	0	0	0.08	0	0	0
1898	11	3	0	0	0	0	0	0	0	0	0	0
1898	11	4	0	0	0	0	0	0	0	0	0	0
1898	11	5	0	0	0.01	0	0	0	0.02	0	0	0
1898	11	6	0.2	0.36	0.07	0.13	0.27	0.05	0.1	0.08	0	0
1898	11	7	0	0	0	0	0	0	0	0	0	0
1898	11	8	0	0	0	0	0	0	0	0	0	0
1898	11	9	0	0	0	0	0.03	0	0	0	0	0
1898	11	10	1.38	0.99	1.23	0.86	1.55	1.41	0.6	1.83	0.6	0.4
1898	11	11	0	0.31	0.53	0.65	0.33	0.55	0.56	0	0.72	0
1898	11	12	0	0	0	0	0	0	0	0	0	0
1898	11	13	0.13	0	0	0	0	0	0	0	0	0
1898	11	14	0.01	0.2	0.11	0.18	0.03	0.07	0.24	0.07	0.05	0
1898	11	15	0	0	0	0	0	0	0.01	0	0	0
1898	11	16	0	0	0	0	0	0	0	0	0	0
1898	11	17	0.29	0.22	0.01	0.07	0.03	0.19	0	0.15	0	0
1898	11	18	0.57	0.09	0.27	0.14	0.05	0.06	0.01	0.02	0.01	0
1898	11	19	1.34	1.25	1.01	0.49	0.85	1.36	0.02	1.09	0.06	0
1898	11	20	0	0.1	0.16	0.12	0.01	0.05	0	0	0	0
1898	11	21	0	0	0	0	0	0	0	0	0	0
1898	11	22	0.04	0	0	0	0	0	0	0	0	0
1898	11	23	0.1	0	0	0	0.03	0	0.03	0	0	0
1898	11	24	0.66	0.1	0.09	0.12	0.89	0.42	0.07	0.56	0.11	0.4
1898	11	25	0	0.25	0.38	0.81	0.02	0.2	0.31	0	0.28	0
1898	11	26	0.46	0	0	0	0.1	0	0	0	0.01	0
1898	11	27	0.7	1.05	1.12	0.8	0.03	1.5	0	0.5	0.01	0.5
1898	11	28	0	0.05	0.52	0	0	0.1	0	0	0	0
1898	11	29	0.15	0	0	0	0	0	0	0	0	0
1898	11	30	0.69	0.35	0	0	0	0	0.03	0	0.05	0
1898	12	1	0	0	0	0	0	0	0.04	0	0.04	0
1898	12	2	0	0	0	0	0	0	0.01	0	0	0

1898	12	3	0.01	0	0	0	0	0	0	0	0	0
1898	12	4	1.04	0.06	0.02	0	0	0	0.16	0	0	0
1898	12	5	0	0.39	0.95	0.88	0.02	0.64	0.63	0.6	0.26	0
1898	12	6	0	0	0	0	0	0	0.1	0	0	0
1898	12	7	0	0	0	0	0	0	0.13	0	0	0
1898	12	8	0	0	0	0	0	0	0.16	0	0.03	0
1898	12	9	0	0	0	0	0	0	0	0	0	0
1898	12	10	0	0	0	0	0	0	0.07	0	0	0
1898	12	11	0	0	0	0	0	0	0.25	0	0	0
1898	12	12	0.03	0.46	0.1	0	0.22	0.21	0	0	0.05	0.15
1898	12	13	0	0	0.4	0.5	0.08	0.17	0	0.4	0.07	0
1898	12	14	0	0	0	0	0	0	0.09	0	0	0
1898	12	15	0	0	0	0	0	0	0.02	0	0.05	0
1898	12	16	0	0	0	0	0	0	0.02	0	0	0
1898	12	17	0.07	0	0	0	0	0	0.03	0	0	0
1898	12	18	0	0	0	0	0	0	0.02	0	0	0
1898	12	19	0.21	0	0	0	0	0	0	0	0	0.05
1898	12	20	0.54	0.34	0.27	0.4	0.26	0.15	0.48	0.35	0.11	0
1898	12	21	0	0.03	0.12	0	0.02	0.11	0.24	0	0.02	0
1898	12	22	0.64	0	0.02	0	0	0	0.21	0	0	0.75
1898	12	23	0.17	0.48	0.44	0.38	0.01	0.53	0.1	0.77	0	0
1898	12	24	0	0	0	0	0	0	0	0	0	0
1898	12	25	0	0	0	0	0	0	0.01	0	0	0
1898	12	26	0	0	0.01	0	0	0	0	0	0	0
1898	12	27	0	0	0.02	0.02	0	0	0.08	0.15	0	0.1
1898	12	28	0	0	0.01	0.05	0	0	0.03	0	0	0
1898	12	29	0	0	0.04	0.04	0.01	0	0.06	0	0.01	0
1898	12	30	0	0	0	0	0	0	0.14	0	0.02	0
1898	12	31	0.36	0.43	0.45	0.47	0.4	0.45	0	0.7	0.09	0
1899	1	1	0.18	0.3	0.48	0.5	0.26	0.38	0	0	0.1	0
1899	1	2	0	0	0	0	0	0	0.05	0	0	0
1899	1	3	0	0	0	0	0	0	0.01	0	0	0
1899	1	4	0	0	0	0	0	0.01	0.91	0	0	0
1899	1	5	0	0	0.03	0.02	0.1	0	0.07	0	0	0
1899	1	6	1.38	0.62	0.3	0.82	0.73	0.32	0.61	0.83	0.16	0
1899	1	7	0.01	0.18	0.37	0	0.24	0.43	0.16	0	0.14	0.4
1899	1	8	0	0	0	0	0	0	0.42	0	0	0
1899	1	9	0	0	0.02	0	0.02	0	0.01	0	0	0
1899	1	10	0	0	0	0	0	0	0	0	0	0
1899	1	11	0	0	0	0	0	0	0	0	0	0
1899	1	12	0.01	0	0	0	0	0	0	0	0	0
1899	1	13	0.09	0.01	0	0	0.01	0	0.12	0	0	0
1899	1	14	0.15	0.38	0.72	0.7	0.2	0.6	1.16	0.73	0.18	0.3

1899	1	15	0	0	0.02	0	0	0	0.34	0	0.12	0
1899	1	16	0.42	0.01	0	0	0	0	0	0	0	0
1899	1	17	0.03	0.89	0.69	0.62	0.55	0.32	0.05	0.37	0	0
1899	1	18	0	0	0	0	0	0	0	0	0	0
1899	1	19	0	0	0	0	0	0	0	0	0	0
1899	1	20	0	0	0	0	0	0	0.01	0	0	0
1899	1	21	0	0	0	0	0	0	0.04	0	0	0
1899	1	22	0	0	0	0	0	0	0.04	0	0	0
1899	1	23	0	0	0	0	0	0	0	0	0	0
1899	1	24	1.55	0.78	0.24	0.33	0.16	0.13	0.11	0.3	0.2	0
1899	1	25	0.04	1.02	0.52	0.42	0.23	0.36	0	0.09	0.21	0.5
1899	1	26	0	0	0	0	0	0	0.13	0	0	0
1899	1	27	0	0	0	0	0	0	0.21	0	0	0
1899	1	28	0	0	0	0	0	0	0	0	0	0
1899	1	29	0	0	0	0	0	0	0.08	0	0	0
1899	1	30	0	0	0	0	0	0	0.01	0	0.01	0
1899	1	31	0.11	0	0	0	0	0	0	0	0	0
1899	2	1	0.01	0.03	0	0	0	0	0.02	0	0	0
1899	2	2	0	0	0	0	0	0	0.08	0	0.02	0
1899	2	3	0.12	0.33	0.38	0	0.21	0.15	0.06	0.17	0.2	0.03
1899	2	4	0.16	0.36	0.06	0.2	0.28	0.12	0.02	0	0.08	0
1899	2	5	0.15	0.04	0	0	0.1	0	0.01	0	0	0
1899	2	6	0.09	0	0	0	0	0	0	0	0	0
1899	2	7	0.2	0.15	0	0	0.08	0.01	0	0	0	0
1899	2	8	0.3	0.22	0.29	0.4	0.7	0.34	0.24	0.6	0.4	0.9
1899	2	9	0	0	0	0	0	0	0.01	0	0	0
1899	2	10	0	0	0	0	0	0	0	0	0	0
1899	2	11	0	0	0	0	0	0	0	0	0	0
1899	2	12	0.23	0.16	0.03	0	0.08	0.03	0	0	0	0
1899	2	13	0.47	0.81	0.54	0.6	0.74	0.8	0	1.5	0.28	0.8
1899	2	14	0	0.11	1.26	0.6	0.61	0.5	0	0	0.17	0
1899	2	15	0	0	0	0	0	0	0.04	0	0	0
1899	2	16	0.71	0	0	0	0	0	0	0	0	0
1899	2	17	0	0.22	0	0	0	0	0	0	0	0
1899	2	18	0.43	0.09	0	0	0	0	0.02	0	0	0
1899	2	19	0.01	0.34	0.24	0.36	0.03	0.08	0	0.3	0	0
1899	2	20	0	0	0	0	0	0	0.17	0	0	0
1899	2	21	0	0	0	0	0	0	0	0	0	0
1899	2	22	0	0.01	0.05	0.18	0	0.04	0.48	0.08	0.06	0.3
1899	2	23	0	0	0	0	0	0	0	0	0	0
1899	2	24	0	0	0	0	0	0	0	0	0	0
1899	2	25	0	0	0	0	0	0	0	0	0	0
1899	2	26	1	0.05	0.02	0	0.06	0.01	0.03	0	0	0

1899	2	27	0.03	0.11	0.54	0.76	0.03	0.32	0.27	0.24	0.03	0.25
1899	2	28	0	0	0	0	0	0	0	0	0	0
1899	3	1	0	0	0	0	0	0	0	0	0	0
1899	3	2	0.07	0.25	0.13	0	0.49	0.24	0	0.4	0.05	0.2
1899	3	3	0	0.29	0.44	0.15	0	0.28	0	0	0	0
1899	3	4	0.03	0.09	0.36	0.2	0.17	0.3	0.26	0.42	0.41	0.25
1899	3	5	0.33	0.52	0.89	0.75	0.32	0.44	0.55	0.73	0.18	0.5
1899	3	6	0	0	0	0	0	0	0	0	0	0
1899	3	7	0.18	0.44	0.42	0.3	0.27	0.6	0.3	0.26	0.28	0.45
1899	3	8	0	0	0.18	0.3	0.02	0.01	0.02	0	0.18	0
1899	3	9	0	0	0.02	0.03	0	0.02	0.06	0	0.1	0
1899	3	10	0	0	0.01	0	0	0	0	0	0	0.05
1899	3	11	0	0	0	0	0	0.05	0.08	0	0.06	0
1899	3	12	0.2	0.05	0.13	0.12	0.06	0	0.28	0.3	0.3	0.3
1899	3	13	0	0	0.05	0	0	0.01	0	0	0	0
1899	3	14	0	0	0	0	0	0	0	0	0	0
1899	3	15	0.95	0.12	0.14	0.1	0.08	0.12	0.85	0	0.02	0.15
1899	3	16	0	0.63	0.98	0.59	0.09	0.67	0.15	0.6	0.21	0
1899	3	17	0	0	0	0	0	0	0	0	0	0
1899	3	18	0.71	0.29	0.28	0.1	0.16	0.36	0.32	0.5	0.4	0.3
1899	3	19	0.65	1.26	0.38	0.79	0.45	0.54	0.94	0.75	0.18	0.15
1899	3	20	0	0.02	0.03	0.24	0.19	0.16	0.1	0	0.51	0.3
1899	3	21	0	0	0	0	0	0	0	0	0	0
1899	3	22	1.25	0.41	0.55	0.25	0.02	0.45	0.15	0.55	0.18	0.08
1899	3	23	0.31	0.89	0.16	0.22	0.35	0.55	0.8	0.43	0.6	0.02
1899	3	24	0	0	0.39	0.41	0	0.02	0.03	0	0	0
1899	3	25	0.14	0	0	0	0	0	0	0	0	0
1899	3	26	0.1	0.23	0	0	0.61	0.15	0	0.08	0	0.2
1899	3	27	0	0	0	0	0	0	0	0	0	0
1899	3	28	0.75	0.04	0	0	0	0	0.29	0.08	0	0
1899	3	29	0.1	0.32	0.95	0.71	0.65	0.91	1.42	1.2	0.46	0.5
1899	3	30	0	0	0	0	0	0	0	0	0	0
1899	3	31	0	0.1	0	0	0.04	0	0	0	0	0
1899	4	1	0	0	0	0	0	0	0	0	0	0
1899	4	2	0	0	0	0.02	0	0	0	0	0	0
1899	4	3	0	0	0	0	0	0	0	0	0.13	0
1899	4	4	0	0	0	0	0	0	0	0	0	0.6
1899	4	5	0	0	0	0	0	0	0	0	0	0
1899	4	6	0	0	0	0	0	0	0	0	0	0
1899	4	7	1.35	0	0	0	0.04	0	0.04	0	0	0
1899	4	8	0.06	0.78	1.09	0.82	0.4	0.7	0.95	0.87	0.78	0
1899	4	9	0	0	0	0	0.01	0	0.19	0	0.4	0
1899	4	10	0	0	0	0	0	0	0	0	0	0

1899	4	11	0	0	0	0	0	0	0	0	0	0
1899	4	12	0.04	0.08	0.15	0.18	0.14	0.15	0.12	0.26	0.16	0.05
1899	4	13	0	0	0.07	0	0	0	0.01	0	0	0
1899	4	14	0	0	0	0	0.01	0.1	0.11	0	0.25	0
1899	4	15	0	0.01	0	0	0	0	0	0	0	0
1899	4	16	0.29	0.31	0	0	0.04	0.13	0	0.1	0	0
1899	4	17	0	0.11	0	0	0	0.05	0	0.11	0	0
1899	4	18	0	0	0	0	0	0	0	0	0	0
1899	4	19	0	0	0	0	0	0	0	0	0	0
1899	4	20	0	0	0	0	0	0	0.05	0	0	0
1899	4	21	0	0	0.08	0.08	0	0	0.05	0.1	0.02	0.2
1899	4	22	0	0	0	0	0	0	0	0	0	0
1899	4	23	0	0	0	0	0	0	0	0	0	0
1899	4	24	0	0	0	0	0	0	0	0	0	0
1899	4	25	0	0	0.07	0.05	0.36	0	0.02	0.03	0.01	0.2
1899	4	26	0	0	0.09	0.04	0.03	0.06	0.02	0.07	0.09	0
1899	4	27	0	0	0	0	0	0	0	0	0	0
1899	4	28	0	0	0	0	0	0	0	0	0	0
1899	4	29	0	0	0	0	0	0	0	0	0	0
1899	4	30	0	0	0	0	0	0	0	0	0.04	0.1
1899	5	1	0	0.01	0	0	0.56	0	0.02	0.25	0.4	0.36
1899	5	2	0.25	0.36	0.12	0.18	0.22	0.02	0.06	0.2	0.1	0
1899	5	3	0	0	0.04	0	0	0	0	0	0	0
1899	5	4	0	0	0	0	0	0	0	0	0	0
1899	5	5	0	0	0	0	0	0	0	0	0	0
1899	5	6	0	0	0	0	0	0	0	0	0	0
1899	5	7	0	0	0	0	0	0	0	0	0	0
1899	5	8	0	0	0	0	0	0	0	0	0	0
1899	5	9	0	0.04	0	0	0	0	0	0	0	0
1899	5	10	0	0	0	0	0	0	0	0	0	0
1899	5	11	0.69	0.06	0	0.04	0.15	0.04	0.35	0.09	0.22	0.26
1899	5	12	0	0	0	0	0	0	0	0	0	0
1899	5	13	0.01	0.03	0	0.06	0.18	0	0.12	0.03	0.09	0.23
1899	5	14	0	0.09	0.08	0	0	0.05	0	0.06	0	0
1899	5	15	0	0	0	0	0	0	0	0	0	0
1899	5	16	0.06	0	0	0	0.01	0	0	0	0	0
1899	5	17	0.02	0.04	0	0	0.23	0	0	0	0	0
1899	5	18	0	0.03	0	0	0.1	0.02	0.06	0.02	0.11	0.21
1899	5	19	0	0.04	0.08	0.15	0	0.14	0.01	0.3	0.24	0.05
1899	5	20	0	0	0.24	0.68	0.14	0.01	0.05	0.09	0.03	0.1
1899	5	21	0	0.11	0.1	0.48	0.04	0	0	0.02	0.06	0
1899	5	22	0	0	0	0	0	0	0	0	0	0
1899	5	23	0	0	0	0	0	0	0	0	0	0

1899	5	24	0	0	0	0	0	0	0	0	0	0
1899	5	25	0	0	0	0	0	0	0	0	0	0
1899	5	26	0	0	0	0	0	0	0.02	0	0.05	0
1899	5	27	0.02	0	0	0	0	0	0.57	0	0.02	0
1899	5	28	0	0	0.01	0.16	0	0.04	0.01	0.1	0.69	0.39
1899	5	29	0.04	0	0	0	0.58	0	0.22	0.04	0	0
1899	5	30	0	0	0.06	0.12	0.02	0	0.1	0.02	0	0.1
1899	5	31	0	0	0	0	0	0	0	0	0	0
1899	6	1	0	0	0	0	0	0	0	0	0	0
1899	6	2	0	0.03	0	0	0	0	0	0	0	0
1899	6	3	0	0	0	0	0	0	0	0	0	0
1899	6	4	0	0	0	0	0	0	0.01	0	0	0
1899	6	5	0	0	0	0.04	0	0.02	0.82	0.68	0.05	0
1899	6	6	0	0	0	0	0	0	0	0	0	0
1899	6	7	0	0.38	0	0	0	0.02	0	0.1	0	0.12
1899	6	8	0	0.24	0.24	0.13	0.03	0.02	0.07	0.05	0	0
1899	6	9	0	0	0	0	0	0	0	0	0.05	0
1899	6	10	0	0	0	0	0	0	0	0	0	0
1899	6	11	0	0	0	0	0	0	0	0	0	0
1899	6	12	0	0	0	0	0	0	0.01	0	0	0
1899	6	13	0	0	0	0	0	0	0	0	0	0
1899	6	14	0.02	0.03	0.01	0.56	0	0.02	0	0.07	0.93	0.05
1899	6	15	0.81	0.21	0.09	0.42	0.01	0.12	0.28	0.3	0.08	0.22
1899	6	16	0	0.25	0.11	0.07	0.01	0.08	0.29	0.02	0.45	0
1899	6	17	0	0	0	0	0	0	0.02	0	0	0
1899	6	18	0	0	0	0	0	0	0	0	0.02	0
1899	6	19	0	0	0.17	0.11	0	0.04	0.05	0	0	0
1899	6	20	0.1	0.35	0	0.23	0.13	0.35	0.53	0	0	0
1899	6	21	0	0.12	0	0.02	0	0.01	0.11	0	0.01	0
1899	6	22	0	0	0	0	0	0	0	0	0	0
1899	6	23	0.02	0	0	0	0.07	0	0.02	0	0	0
1899	6	24	0.35	0.04	0	0	0.44	0	0	0.14	0	0
1899	6	25	0.14	0.08	0.21	0.1	0.28	0.07	0	0.13	0	0.4
1899	6	26	0	0	0	0	0	0	0	0	0.02	0.45
1899	6	27	0	0.01	0	0.28	0	0	0	0	0	0
1899	6	28	0.24	0.66	0.17	0.42	0.22	0.28	0.25	0.38	0.82	0.36
1899	6	29	0.58	0.46	0.04	0	0.42	0.01	0	0.1	0	0
1899	6	30	0	0	0	0	0	0	0	0	0	0
1899	7	1	0	0	0	0	0	0	0	0	0	0
1899	7	2	0	0	0	0	0	0	0	0	0	0
1899	7	3	0	0	0	0	0	0	0.01	0	0.07	0.12
1899	7	4	0	0	0	0	0	0	0.03	0	0.01	0
1899	7	5	0	0	0	0	0	0	0.74	0	0	0

1899	7	6	0.14	0.02	0	0.96	0.02	0	1.24	0	0.15	0.17
1899	7	7	0	0	0.04	0.74	0	0.09	0	0.36	0.02	0.56
1899	7	8	1.8	0.45	0.55	0.37	0.85	1.74	0.67	1.05	0.25	0.45
1899	7	9	0	0.58	0.14	0.21	0.02	0.17	1.15	0.5	3.32	1.45
1899	7	10	0	0	0	0	0	0.04	0	0.01	0	0.8
1899	7	11	0	0	0	0	0.05	0	0.03	0	0.05	0
1899	7	12	0.66	0	0	0.17	0.16	0	0.17	0	0.01	0
1899	7	13	0	0	0.01	0	0	0	0.04	0	0	0
1899	7	14	0	0	0	0.07	0	0	0.17	0	0	0
1899	7	15	0	0	0	0	0	0	0	0	0	0
1899	7	16	0.65	0.08	0.06	0	0.24	0.22	0.05	0.57	0.17	0
1899	7	17	0	0	0.11	0.05	0.01	0	1.29	0	0.18	0
1899	7	18	0	0.01	0.15	0.05	0	0.03	0.15	0.46	0.27	0
1899	7	19	0	0	0	0	0.03	0	0.05	0	0	0
1899	7	20	0	0	0	0	0	0	0	0	0	0.2
1899	7	21	0.29	0	0.11	1.46	0	0	1.23	0	0.33	0.53
1899	7	22	0.04	0	0.23	0	0	0.8	0	1.78	0.03	0
1899	7	23	0	0	0	0	0	0	0	0	0	0
1899	7	24	0.02	0	0	0	0	0	0	0	0	0
1899	7	25	0.41	0.13	0.28	0.07	0	0.05	0	0.11	0	0
1899	7	26	0.34	0.99	2.1	1.05	0.33	0.86	0.04	0.74	0	0
1899	7	27	0.11	0.22	0	0	0.07	0	0.66	0	0	0
1899	7	28	0	0	0	0	0	0	0	0	0	0
1899	7	29	0	0	0	0	0.47	0	0	0	0	0
1899	7	30	0.01	0.04	0.14	0.28	0.44	0.35	0	0.36	0.51	0
1899	7	31	0	0	0	0	0	0	0	0	0	0
1899	8	1	0	0	0	0	0	0	0	0.36	0	0
1899	8	2	0.4	0	0	0	0.95	0	0.26	0	0	0
1899	8	3	0	0	0.02	0	0.01	0	0	0.38	0	0
1899	8	4	0	0	0	0	0	0	0	0	0	0
1899	8	5	0.41	0.1	0.31	0.42	0	1.08	0	0.1	0.12	0
1899	8	6	0	0	0	0	0	0	0	0	0	0
1899	8	7	0	0	0	0	0	0	0	0	0	0
1899	8	8	0	0	0	0	0	0	0	0	0	0
1899	8	9	0	0	0	0	0	0	0	0	0	0
1899	8	10	2.29	0.9	0.24	0.08	0.31	0.49	0	0.55	0.07	0.05
1899	8	11	0.01	0.06	0.32	0.06	0.01	0.08	0	0.13	0	0
1899	8	12	0	0.02	0.06	0	0.07	0	0.04	0	0.08	0
1899	8	13	0	0	0.3	0.18	0	0	0.08	0	0	0
1899	8	14	0	0	0	0	0	0	0	0	0	0
1899	8	15	0	0	0	0	0	0	0	0	0	0
1899	8	16	0	0	0	0	0	0	0	0	0	0
1899	8	17	0	0	0	0	0	0	0	0	0	0

1899	8	18	0.02	0	0	0	0	0	0	0	0	0
1899	8	19	0	0	0	0	0	0	0.37	0	0	0
1899	8	20	0	0	0	0	0	0	0	0	0	0
1899	8	21	0.16	0	0	0	0	0	0.88	0	0.04	0.33
1899	8	22	0.03	1.41	0.1	0.19	0.35	0	0.8	0.04	1.33	0
1899	8	23	0	0.01	0.05	0.15	0.02	0.01	0.03	0	1.78	0
1899	8	24	0	0	0.25	0	0.05	0.27	0.03	0.04	0.02	0
1899	8	25	0	0.02	0	0	0	0	0.03	0	0.38	0
1899	8	26	0.08	0	0	0	0	0	0	0	0	0
1899	8	27	0	0	0	0	0	0	0	0	0	0
1899	8	28	0	0	0	0	0	0	0	0	0	0
1899	8	29	0.01	0	0	0	0	0	0	0	0	0
1899	8	30	0	0	0.01	0	0	0	0	0	0	0
1899	8	31	0	0	0	0	0	0	0	0	0	0
1899	9	1	0	0	0.01	0.07	0	0.08	0.66	0.01	0.1	0
1899	9	2	2.12	0.36	0.61	0.16	0.5	1.82	0	1.07	2.19	1.05
1899	9	3	0.88	0	0.05	0.05	0.03	0.07	0.03	0.07	0.1	0
1899	9	4	0	0.04	0	0	0	0	0	0	0	0
1899	9	5	0	0	0	0	0	0	0	0	0	0
1899	9	6	0	0	0	0	0	0	0	0	0	0
1899	9	7	0	0	0	0	0	0	0.02	0	0	0
1899	9	8	0.08	0	0.2	0.03	0.41	0.21	0.02	0.05	0.15	0.36
1899	9	9	0	0	0.02	0	0	0	0	0	0	0
1899	9	10	0	0	0	0	0	0	0	0	0	0
1899	9	11	0.77	0	0	0	0	0	0	0	0	0
1899	9	12	0	0.24	0.13	0.05	0	0.16	1.21	0.05	0	0
1899	9	13	0	0	0.09	0	0	0.07	0.02	0.02	0	0
1899	9	14	0	0	0	0	0	0	0	0	0	0
1899	9	15	0	0	0	0	0	0	0	0	0	0
1899	9	16	0	0	0	0	0	0	0	0	0	0
1899	9	17	0	0	0	0	0	0	0	0	0	0
1899	9	18	0	0	0	0	0	0	0	0	0	0
1899	9	19	0.08	0	0	0	0.04	0	0.56	0	0.1	0
1899	9	20	1.12	2.82	1.88	1.22	0.82	1.32	0.14	1.07	0.22	0.27
1899	9	21	0.26	0.21	0.49	0.83	0.31	0.45	0.02	0.32	0.36	0.66
1899	9	22	0	0	0	0.04	0	0	0.01	0	0.12	0.05
1899	9	23	0	0	0	0	0	0	0	0	0	0
1899	9	24	0.14	0	0	0	0	0	0.21	0	0.1	0
1899	9	25	0	0	0	0	1.45	0	0.13	0.03	0.01	0.25
1899	9	26	0.62	0.16	0.3	0.84	1.51	0.11	1.56	0.25	1.91	2.29
1899	9	27	0	0	0	0	0	0	0.05	0	0.01	0.52
1899	9	28	0	0	0	0	0	0	0	0	0	0
1899	9	29	0.03	0	0	0	0	0	0.3	0	0	0

1899	9	30	0.02	1.26	0.69	0.61	1.26	0.09	0.14	0.2	1	0.78
1899	10	1	0	0	0	0	0	0	0	0	0	0
1899	10	2	0	0	0	0	0	0	0	0	0.02	0
1899	10	3	0	0	0	0	0	0	0	0	0	0
1899	10	4	0	0	0	0	0	0	0	0	0.02	0.05
1899	10	5	0	0	0	0	0	0	0	0	0	0
1899	10	6	0.62	0.67	0.1	0.09	0	0	0	0	0.1	0
1899	10	7	0	0.02	0.01	0	0	0	0	0	0	0
1899	10	8	0.05	0	0	0	0	0	0	0	0	0
1899	10	9	0.01	0.55	0.12	0.43	0.02	0.04	0.55	0.01	0.15	0
1899	10	10	0	0	0	0	0	0	0	0	0	0
1899	10	11	0	0	0	0	0	0	0.01	0	0	0
1899	10	12	0	0	0	0	0	0	0	0	0	0
1899	10	13	0	0	0	0	0	0	0	0	0	0
1899	10	14	0	0	0	0	0	0	0	0	0	0
1899	10	15	0	0	0	0	0	0	0	0	0.2	0
1899	10	16	0	0	0	0	0	0	0.01	0	0	0
1899	10	17	0	0	0	0	0	0	0	0	0	0
1899	10	18	0.25	0.4	0.33	0.13	0.05	0.34	0.48	0.33	0.57	0.4
1899	10	19	0	0	0.01	0	0	0	0	0	0	0
1899	10	20	0	0.09	0.22	0.19	0.07	0.12	0	0.28	0.29	0.6
1899	10	21	0	0	0	0	0	0	0	0	0	0
1899	10	22	0	0	0	0	0	0	0	0	0	0
1899	10	23	0	0.03	0	0	0.16	0.01	0	0.02	0.02	0
1899	10	24	0.03	0	0	0	0.01	0	0	0	0	0
1899	10	25	0	0	0	0	0	0	0	0	0	0
1899	10	26	0	0	0	0	0	0	0.31	0	0.02	0
1899	10	27	0	0	0.14	0.06	0	0	0.02	0.2	0.35	0
1899	10	28	0	0.01	0.43	0.62	0.02	0.21	0.85	0.36	0.3	0.75
1899	10	29	0.06	0.16	0.09	0.33	0.22	0.11	0.57	0.31	0.74	0.39
1899	10	30	0	0	0	0	0	0	0	0	0	0
1899	10	31	1.11	0.47	0.01	0	0.3	0	0.59	0	0.03	0.38
1899	11	1	0.1	0.7	1.2	0.84	0.48	0.95	0.57	0.86	2.03	1.11
1899	11	2	0	0	0.07	0	0	0	0	0	0	0.55
1899	11	3	0.72	0	0	0	0.14	0	0	0	0	0
1899	11	4	0.07	0.74	0.79	0.32	0.51	0.52	0.61	0.34	0.55	0.32
1899	11	5	0	0	0	0	0	0	0	0	0	0
1899	11	6	0	0	0	0	0	0	0	0	0	0
1899	11	7	0	0	0	0	0	0	0	0	0	0
1899	11	8	0	0	0	0	0	0	0	0	0	0
1899	11	9	0	0	0	0	0	0	0	0	0	0
1899	11	10	0	0	0	0	0	0	0.06	0	0.09	0
1899	11	11	0.24	0.44	0.26	0	0.3	0.34	0.11	0.29	0.06	0

1899	11	12	0.1	0.51	0.54	0.72	0.02	0.37	0.13	0.24	0.33	0.4
1899	11	13	0	0	0	0	0	0	0	0	0	0
1899	11	14	0.43	0	0	0	0	0	0	0	0	0
1899	11	15	0.05	0.01	0.14	0.16	0.01	0.13	0.04	0.19	0	0
1899	11	16	0	0	0	0	0.01	0	0	0	0	0
1899	11	17	0	0	0	0	0	0	0	0	0	0
1899	11	18	0	0	0	0	0	0	0.06	0	0	0
1899	11	19	0.08	0.09	0	0.2	0	0	0.07	0	0.12	0
1899	11	20	0	0	0	0	0	0	0	0	0	0
1899	11	21	0	0	0	0	0	0	0	0	0	0.1
1899	11	22	0	0.02	0.11	0.18	0	0.04	0.19	0.1	0.12	0
1899	11	23	0	0	0	0	0	0	0	0	0	0
1899	11	24	0	0	0	0	0	0	0	0	0	0
1899	11	25	0	0	0	0	0	0	0	0	0.02	0
1899	11	26	0	0	0	0	0	0	0	0	0	0
1899	11	27	0	0	0	0	0	0	0	0	0	0
1899	11	28	0	0	0	0	0	0	0	0	0	0
1899	11	29	0	0	0	0	0	0	0	0	0.01	0
1899	11	30	0	0	0	0	0	0	0	0	0.09	0
1899	12	1	0.06	0	0	0	0	0	0.23	0.15	0.02	0
1899	12	2	0.03	0.01	0.22	0.36	0.14	0.15	0.06	0	0.2	1.11
1899	12	3	0	0	0	0	0	0	0	0	0.1	0.2
1899	12	4	0.01	0	0.08	0.29	0.52	0.14	0.62	0.35	0.55	0.43
1899	12	5	0	0	0	0	0	0	0	0	0	0
1899	12	6	0	0	0.36	0.02	0	0	0.3	0	0	0
1899	12	7	0	0	0	0	0	0	0	0	0	0
1899	12	8	0	0	0	0.01	0	0	0.33	0	0	0
1899	12	9	0	0	0	0	0	0	0	0	0	0
1899	12	10	0	0	0	0	0	0	0	0	0	0
1899	12	11	0	0	0	0	0.01	0	0.48	0	0.08	0.55
1899	12	12	0.37	0.1	0.04	0.14	0.36	0.2	0.83	0.3	1.03	0
1899	12	13	0	0	0	0	0	0	0.06	0	0	0
1899	12	14	0	0	0	0	0.04	0	0.05	0	0.02	0
1899	12	15	0.02	0.88	0.93	0.74	0.18	0.53	0.78	0.38	0.43	0.35
1899	12	16	0	0	0	0	0	0	0	0	0	0
1899	12	17	0.01	0	0	0	0	0	0	0	0	0
1899	12	18	0	0	0.11	0.06	0	0.01	0	0	0	0
1899	12	19	0.36	0.27	0.2	0.18	0.22	0.03	0.68	0.05	0.12	0.5
1899	12	20	0	0	0	0	0	0	0	0	0	0
1899	12	21	0	0	0	0	0	0	0	0	0	0
1899	12	22	0	0	0.09	0.19	0	0	0	0	0	0
1899	12	23	0	0	0	0	0	0	0	0	0	0
1899	12	24	1.04	0.24	0	0	0.06	0.04	0.03	0	0.01	0.05

1899	12	25	0	0.02	0.81	0.29	0.02	0.25	0	0.2	0	0
1899	12	26	0	0	0	0.09	0	0	0	0	0	0
1899	12	27	0.01	0	0	0	0	0	0.04	0	0	0
1899	12	28	0	0	0	0	0	0	0.05	0	0	0
1899	12	29	0	0	0	0.05	0	0	0.28	0	0.04	0.05
1899	12	30	0	0	0	0	0	0	0.02	0	0.05	0
1899	12	31	0	0	0	0	0	0	0	0	0	0
1900	1	1	0.03	0.56	0.69	0.5	0.1	0.68	0.01	1.5	0.29	0.25
1900	1	2	0	0	0.08	0.05	0	0.03	0.02	0	0.04	0.2
1900	1	3	0	0	0	0	0	0	0	0	0	0
1900	1	4	0	0	0	0	0	0	0.01	0	0	0
1900	1	5	0	0	0	0	0	0	0	0	0.01	0
1900	1	6	0	0	0	0	0	0	0	0	0.05	0
1900	1	7	0	0	0	0	0	0	0.47	0	0.02	0
1900	1	8	0.01	0.1	0.05	0	0	0	0	0	0	0
1900	1	9	0	0	0	0	0	0	0	0	0	0
1900	1	10	0	0.02	0.03	0	0.02	0	0.21	0	0	0
1900	1	11	1.46	0	0	0	0.04	0	0.6	0	0	0.42
1900	1	12	0.58	1.65	0.72	0.7	0.1	0.92	0.45	0.48	0.5	0
1900	1	13	0	0	0	0	0	0	0	0	0	0
1900	1	14	0.02	0.04	0.04	0	0	0	0.08	0	0.05	0
1900	1	15	0	0.04	0.01	0	0	0.04	0	0.1	0	0
1900	1	16	0	0.12	0.36	0.44	0.12	0.29	0.12	0.6	0.3	0.5
1900	1	17	0	0	0	0	0	0	0	0	0	0
1900	1	18	0	0	0.01	0	0	0	0.08	0	0	0
1900	1	19	0.01	0	0.11	0.05	0.14	0.1	0	0	0.48	0
1900	1	20	1.22	0.43	0.38	0.42	0.36	0.45	1.16	0.48	0.06	0.8
1900	1	21	0.16	0.08	0.45	0.92	0.86	0.51	0	0.83	0	0.15
1900	1	22	0	0	0	0	0	0	0	0	0.02	0
1900	1	23	0	0	0	0	0	0	0	0	0	0
1900	1	24	0	0	0	0	0	0	0	0	0	0
1900	1	25	0.11	0.37	0.72	1.25	0	0.35	0.42	0.08	0.03	0
1900	1	26	0	0.05	0.52	0.8	0.16	0.05	1.73	0	0.35	0.5
1900	1	27	0	0	0	0	0	0	0	0	0.17	0
1900	1	28	0.46	0.01	0	0	0	0	0.02	1.08	0	0
1900	1	29	0.16	0.73	1.84	1.96	0.4	1.46	0.19	0	0.8	0.6
1900	1	30	0	0	0	0	0	0	0	0	0	0
1900	1	31	0	0	0.27	0.1	0.03	0	0	0.1	0.15	0.18
1900	2	1	0	0	0.1	0	0	0	0.01	0	0	0
1900	2	2	0	0	0	0	0	0	0	0	0	0
1900	2	3	0	0	0	0	0	0	0.02	0	0	0
1900	2	4	1.15	0	0.27	0.4	0.02	0.09	0.5	0.2	0.35	0
1900	2	5	0.83	0.75	1.53	1.52	0.62	1.09	0.15	1.57	0.26	0.5

1900	2	6	0	0	0.07	0.07	0	0	0.19	0	0.05	0.08
1900	2	7	0	0	0	0	0	0	0.01	0	0	0
1900	2	8	0.49	0.29	0	0	0.44	0.12	0.12	0.1	0.2	0.2
1900	2	9	0	0.38	0.58	0.39	0.1	0.49	0.74	0.55	0.02	0.25
1900	2	10	0	0	0	0	0	0	0	0	0	0
1900	2	11	0	0	0.01	0.04	0	0	0	0	0	0
1900	2	12	0.6	0.03	0.22	0.03	0.12	0	0.07	0.12	0	0
1900	2	13	1.31	1.5	1.8	3.02	0.62	1.21	2.05	2.1	0.4	1.95
1900	2	14	0	0	0	0	0	0	0	0	0.05	0
1900	2	15	0	0	0.04	0.08	0	0.01	0.03	0.2	0.1	0
1900	2	16	0	0	0	0	0	0.03	0.06	0	0	0
1900	2	17	0.22	0.08	0	0	0	0	0	0	0	0
1900	2	18	0.03	0.39	1.6	0.9	0.22	0.84	0.01	1	0.06	0
1900	2	19	0	0	0	0	0	0	0.2	0	0.05	0
1900	2	20	0	0	0	0	0	0	0	0	0	0
1900	2	21	0	0	0	0	0	0	0	0	0	0
1900	2	22	0.39	1.47	1.87	1.46	0.04	0.36	0.3	0.25	0.02	0.05
1900	2	23	0	0.33	0.65	0	0.22	0.1	0.58	0.25	0.16	0.2
1900	2	24	0.16	0	0	0	0	0	0	0	0	0
1900	2	25	0.2	1.61	0.5	1.05	0.4	0.69	0.91	0.85	0.42	0.55
1900	2	26	0	0	0	0	0.04	0	0.06	0	0	0
1900	2	27	0	0	0	0	0	0	0	0	0	0
1900	2	28	0	0	0.01	0	0	0.02	0.13	0.05	0.03	0.08
1900	3	1	0.93	1.56	3.01	1	2.14	1.71	1.82	2	1.83	2.12
1900	3	2	0	0.02	0.6	3.06	0.32	0.64	0.34	0.62	0.29	0
1900	3	3	0	0	0	0	0	0	0.03	0	0	0
1900	3	4	0	0	0	0	0	0	0.15	0	0.04	0.2
1900	3	5	0	0.03	0.02	0	0	0.07	0	0.2	0	0
1900	3	6	0.37	0.28	0.82	0.65	0.66	0.72	0.6	0.6	0.25	0.1
1900	3	7	0.02	0.05	0.09	0	0.04	0.11	0.01	0	0	0
1900	3	8	0	0	0	0	0	0	0	0	0	1.4
1900	3	9	0	0	0	0	0	0	0	0	0	0
1900	3	10	0.04	0	0	0	0	0	0.5	0	0	0
1900	3	11	0	0	0	0	0	0	0	0	0	0
1900	3	12	0	0	0	0	0	0	0	0	0	0
1900	3	13	0	0	0	0	0	0	0	0	0	0
1900	3	14	0	0	0	0	0	0	0.02	0	0	0
1900	3	15	0.67	0.06	0	0	0.14	0	0	0	0	0
1900	3	16	0.89	2.15	1.1	2.09	1.24	1.94	0.68	1.84	0.68	0.8
1900	3	17	0	0	0	0	0	0	0.02	0	0.02	0
1900	3	18	0	0	0	0	0	0	0	0	0	0
1900	3	19	0.37	0	0.05	0.04	0	0.02	0.48	0	0.02	0
1900	3	20	0	0.2	0.19	0.36	0	0.04	0.03	0.1	0	0

1900	3	21	0	0	0	0	0	0	0.01	0	0	0
1900	3	22	0	0	0	0	0	0	0.03	0	0	0
1900	3	23	0	0	0	0	0	0	0.02	0	0	0.1
1900	3	24	0	0	0	0	0	0	0	0	0	0
1900	3	25	0	0	0	0	0	0	0	0	0	0
1900	3	26	0.16	0	0	0	0.06	0	0	0	0.01	0
1900	3	27	0	0.24	0.12	0.03	0.02	0.05	0.01	0	0.05	0
1900	3	28	0	0	0	0	0	0	0	0	0	0
1900	3	29	0	0	0	0	0	0	0	0	0	0
1900	3	30	0	0	0	0	0	0	0	0	0	0
1900	3	31	0.04	0.01	0	0	0	0	0	0	0	0
1900	4	1	0	0	0	0	0	0	0	0	0	0
1900	4	2	0	0	0	0	0	0	0	0	0	0
1900	4	3	0.01	0	0.64	0.82	0	0.15	0.06	0	0.05	0
1900	4	4	0	0.44	0	0	0	0	0.02	0	0	0
1900	4	5	0	0	0	0	0	0	0	0	0	0
1900	4	6	0	0	0	0	0	0	0	0	0	0
1900	4	7	0	0	0	0	0	0	0	0	0	0
1900	4	8	0	0	0	0	0	0	0	0	0	0
1900	4	9	0	0	0	0	0	0	0.04	0	0	0
1900	4	10	0	0	0	0	0	0	0.01	0	0.02	0
1900	4	11	0.02	0	0	0	0	0	0	0	0	0
1900	4	12	0.72	0.49	0.03	0	0.26	0.19	0.04	0.1	0.03	0.02
1900	4	13	0	0.08	0.28	0.29	0.02	0.02	0.16	0	0.08	0
1900	4	14	0	0	0	0	0	0	0.06	0	0	0
1900	4	15	0	0	0	0	0	0	0	0	0	0
1900	4	16	0	0.06	0	0	0	0	0	0	0	0
1900	4	17	0.21	0.12	0.05	0	0.21	0.14	0.02	0.21	0.32	0
1900	4	18	0.68	0.42	0.3	0.59	0.26	0.25	0.66	0.43	0.02	0
1900	4	19	0.23	0	0.74	0.56	0.04	0.13	0.07	0.4	0	0
1900	4	20	0	0	0	0	0	0	0	0	0	0
1900	4	21	0	0	0	0	0	0	0	0	0	0
1900	4	22	0.05	0.12	0.01	0	0.39	0	0.01	0.04	0.1	0
1900	4	23	0.1	0.03	0.16	0.19	0.09	0	0.3	0.04	0.2	0.2
1900	4	24	0	0.1	0.04	0	0	0.02	0	0	0	0
1900	4	25	0	0	0	0	0	0	0	0	0	0
1900	4	26	0	0	0	0	0	0	0	0	0	0
1900	4	27	0	0	0	0	0	0	0	0	0	0
1900	4	28	0	0	0	0	0	0	0	0	0	0
1900	4	29	0	0.01	0	0	0	0	0	0	0	0
1900	4	30	0	0.03	0	0.05	0.04	0	0.01	0.05	0.09	0.1
1900	5	1	0	0	0.01	0	0	0	0	0	0	0
1900	5	2	0	0	0	0	0	0	0	0	0	0

1900	5	3	0.39	2.4	1.52	1.7	0	0.66	0.03	0.74	0.03	0
1900	5	4	0.01	0.06	0.15	0.29	0	0.06	0	0.06	0	0
1900	5	5	0	0	0.2	0.12	0.06	0	0	0	0	0
1900	5	6	0	0	0	0	0	0	0	0	0	0
1900	5	7	0	0	0	0	0	0	0	0	0	0
1900	5	8	0.06	0.06	0.02	0	0.16	0.04	0.59	0.01	0.1	0.1
1900	5	9	0	0.26	0.21	0.1	0.02	0.09	0.25	0.34	0.63	0.25
1900	5	10	0	0	0	0	0	0	0	0	0	0
1900	5	11	0	0	0	0	0	0	0	0	0	0
1900	5	12	0	0	0	0	0	0	0	0	0	0
1900	5	13	0.2	0	0	0	0	0	0	0	0	0
1900	5	14	0	0	0	0.16	0	0	0.1	0.06	0	0
1900	5	15	0.06	0.14	0.15	0.32	0.15	0.01	0.48	0	0.39	0
1900	5	16	0	0.05	0.01	0	0.02	0	0	0	0	0
1900	5	17	0.43	0.01	0.13	0.24	0	0	0.92	0.02	0.41	0.2
1900	5	18	0.17	0.4	0.24	0.35	0.12	0.57	0.16	0.02	0.03	0.1
1900	5	19	2.02	1.55	1.27	1.75	0.79	0.91	0	0.82	0.12	0.6
1900	5	20	0	0.03	0.14	0	0.01	0	0	0	0	0
1900	5	21	0.04	0.11	0.04	0.27	0.02	0.01	0.26	0.03	0.26	0
1900	5	22	0	0	0	0	0	0	0	0	0	0
1900	5	23	0	0	0	0	0	0	0	0	0	0
1900	5	24	0	0	0	0	0	0	0	0	0	0
1900	5	25	0.28	0	0	0	0	0	0	0	0	0
1900	5	26	0.06	0	0	0	0	0	0	0	0	0
1900	5	27	0	0	0	0.05	0	0	0	0	0	0
1900	5	28	0	0	0	0	0.01	0.01	0	0	0	0
1900	5	29	0	0	0	0	0	0	0	0	0	0
1900	5	30	0	0	0	0	0	0	0.04	0	0.2	0.05
1900	5	31	0	0	0	0.07	0	0	0.28	0	0.28	0
1900	6	1	0.01	0	0	0	0.07	0.16	0	0	0	0.4
1900	6	2	0.24	0	0.24	0.72	0.02	0.01	1.96	0.11	0.32	0.58
1900	6	3	0	0.42	0	0	0.63	0.87	0	0.56	0.04	0.4
1900	6	4	0	0.01	0	0	0	0.09	0	0	0	0
1900	6	5	0	0	0	0	0	0	0	0	0	0
1900	6	6	0	0	0	0	0	0	0	0	0	0
1900	6	7	0	0	0	0	0	0	0.18	0	0	0
1900	6	8	1.02	0.05	0.06	0.05	0.29	0.02	0	0.22	0.19	0.4
1900	6	9	0	0.04	0	0	0.37	0	0	0	0.18	0
1900	6	10	0	0	0	0	0	0	0	0	0	0
1900	6	11	0.03	0	0	0	1.12	0	0.03	0	0	0
1900	6	12	0	0	0	0	0	0	0	0	0	0
1900	6	13	0.01	0	0	0	0	0	0	0	0	0
1900	6	14	0.29	0.07	0.54	0.39	0.16	0.4	0.49	0.45	0.32	0.25

1900	6	15	0	0	0	0	0	0	0	0	0	0
1900	6	16	0	0	0	0	0	0	0.01	0	0.02	0
1900	6	17	0.04	0	0	0	0	0	0	0	0	0
1900	6	18	0	0	0	0	0.01	0	0	0	0.12	0
1900	6	19	0	0	0	0	0	0	0	0	0	0
1900	6	20	0	0	0	0	0	0	0	0	0	0
1900	6	21	0	0	0	0	0	0	0	0	0	0
1900	6	22	0	0.32	0.06	0.09	0	0.01	0.09	0.2	0	0.2
1900	6	23	0	0.61	0.35	0	0.1	0.23	0	0.2	0	0
1900	6	24	0	0	0	0	0	0	0.05	0	0	0
1900	6	25	0	0	0	0	0	0	0.05	0	0.05	0
1900	6	26	0	0	0	0	0	0	0.02	0	0	0
1900	6	27	0.46	0	0	0.04	0	0	1.32	0	0	0
1900	6	28	0.06	0.17	0	0	0.66	0	0	0	0	0.1
1900	6	29	0.04	0.16	0	0.05	0.11	0	0.08	0	0.71	0
1900	6	30	0	0	0	0	0	0	0.09	0	0.01	0
1900	7	1	0	0	0	0	0	0	0	0	0	0
1900	7	2	0	0	0	0	0	0	0	0	0	0
1900	7	3	0	0	0	0.31	0.02	0	0.42	0	0.04	0.1
1900	7	4	0.16	0.01	0.01	0	0.01	0.01	0	0	0.06	0
1900	7	5	0.13	0	0	0	0	0	0	0	0	0
1900	7	6	0.16	0.1	0.12	0.02	0.08	0.11	0.39	0.07	0.15	0
1900	7	7	0.04	0	0	0.08	0.1	0	0.11	0	0.02	0
1900	7	8	0	0	0.02	0	0	0.35	0.77	0.07	0.18	0
1900	7	9	0.01	0.01	0	0	0.33	0	0.03	0	0.01	0
1900	7	10	0	0	0	0	0	0	0	0	0	0
1900	7	11	0	0	0	0	0	0	0.86	0	0.19	0.75
1900	7	12	0.15	0.42	0.4	0.1	1.4	0.67	0	0.55	0.03	0.07
1900	7	13	0	0.1	0	0	0	0	0.03	0	0.18	0
1900	7	14	0	0	0	0.01	0	0	0.05	0	0.02	0
1900	7	15	0.06	0	0	0	0.26	0	0	0	0	0
1900	7	16	0	0	0.16	0.3	0	0	1	0	0	0.1
1900	7	17	0	0	0	0	0	0	1.6	0	0.62	0.3
1900	7	18	0	0.21	0	0.1	0.1	0	0.16	0	0.03	0
1900	7	19	0	0	0	0	0	0	0	0	0	0
1900	7	20	0	0	0	0	0	0	0.07	0	0.03	0.1
1900	7	21	0.31	0	0.08	0.16	0.02	0.17	0	0.3	0.02	0.11
1900	7	22	0	0	0	0	0	0	0	0	0	0
1900	7	23	0	0	0	0	0	0	0	0	0	0
1900	7	24	0	0	0	0	0.06	0	0.2	0	0	0
1900	7	25	0.56	0.6	0.9	0.79	0.3	0.38	1.34	0.55	0.82	1.25
1900	7	26	1.22	1.24	0.01	0	0.73	0.01	0	0.03	0.02	0
1900	7	27	0	0	0	0	0	0.04	0	0.66	0	0

1900	7	28	0	0	0	0	0	0	0	0	0	0
1900	7	29	0	0	0	0	0	0	0.06	0	0	0
1900	7	30	0.41	0	0	0	0	0	0.25	0	0.04	0
1900	7	31	0	0	0	0	0	0	0.07	0	0.27	0
1900	8	1	0	0	0	0	0	0	0	0	0	0
1900	8	2	0	0	0	0	0	0	0.42	0	0.26	0
1900	8	3	0	0	0	0	0	0	0	0	0	0
1900	8	4	0	0	0	0	0	0	0	0	0	0
1900	8	5	0	0	0	0	0	0	0.04	0	0	0
1900	8	6	0	0	0	0.02	0.01	0	0.6	0	1.4	0.05
1900	8	7	0.16	0.07	0	0	0.34	0.52	0.34	0.34	0.45	1
1900	8	8	0.14	0.31	0.48	0.5	0.02	0.22	0.75	0.48	0.36	0.45
1900	8	9	0	0.07	0.42	0	0	0.1	0	0.01	0	0
1900	8	10	0	0.28	0	0	0	0	0.45	0	0.74	0.1
1900	8	11	0	0	0.05	0	0	0.01	0.12	0.15	0.48	0
1900	8	12	0.49	0	0.02	0	0.03	0.1	0	0.06	0	0
1900	8	13	0.45	0	0.14	0.29	0.06	0.04	0.29	0.23	0.61	0.9
1900	8	14	0	0.35	0.49	0.49	0.1	0.11	0.01	0.45	0.47	0.3
1900	8	15	0	0.18	0	0.02	0.56	0.01	0.03	0	0.12	0.1
1900	8	16	0.67	1.04	2.08	0.87	1.34	1.46	0	0.73	0.08	0
1900	8	17	0.49	0	0	0	0.01	0	0	0	0	0
1900	8	18	0	0	0	0	0	0	0.02	0	0	0
1900	8	19	0	0.02	0	0.03	0.14	0.07	0	0.04	0	0
1900	8	20	0	0	0	0	0	0	0	0	0	0
1900	8	21	0	0	0	0	0	0	0	0	0	0
1900	8	22	0	0	0.04	0	0	0.09	0.07	0	0	0
1900	8	23	0	0	0	0	0	0	0	0	0	0
1900	8	24	0.86	0.02	0	0	0	0	0	0	0.02	0
1900	8	25	0	0	0	0	0	0	0	0	0	0
1900	8	26	1.26	0	0	0.55	0.2	0	0	0	0.01	0
1900	8	27	0	0	0	0	0.02	0.03	0	0	0.2	1.18
1900	8	28	0	0.12	0	0	0	0	0	0.08	0	0
1900	8	29	0	0	0	0	0	0	0	0	0.07	0.05
1900	8	30	0	0	0	0	0	0	0	0	0	0
1900	8	31	0	0	0	0	0	0	0	0	0	0
1900	9	1	0	0	0	0	0	0	0	0	0	0
1900	9	2	0	0	0	0	0	0	0	0	0	0
1900	9	3	0	0	0	0	0	0	0.01	0	0.1	0.2
1900	9	4	0	0	0	0	0	0	0	0	0.08	0
1900	9	5	0	0	0	0	0	0	0	0	0	0
1900	9	6	0.18	0.13	0	0	0	0.01	0.41	0	0.06	0
1900	9	7	0.23	0	0	0	0	0	0	0	0	0
1900	9	8	0	0	0	0	0	0	0	0	0	0

1900	9	9	0	0	0	0	0	0	0	0	0	0
1900	9	10	0	0	0	0	0	0	0	0	0	0
1900	9	11	0.01	0	0.27	0.38	0	0.08	0.31	0.31	0.56	0.1
1900	9	12	0	0	0.04	0	0	0	0.47	0.03	0	0
1900	9	13	0	0	0	0	0	0	0	0	0	0
1900	9	14	0	0	0	0	0	0	0	0	0	0
1900	9	15	0.35	0	0	0	0	0	0	0	0	0
1900	9	16	1.26	1.38	0.7	0.66	0.15	0.77	0.68	0.54	0.49	0
1900	9	17	0	0.22	0	0	0.05	0	0.07	0.19	0	0
1900	9	18	0	2.18	0.1	0	0.01	0.52	0	0.46	0	0
1900	9	19	0	0	0	0	0	0	0	0	0	0
1900	9	20	0	0	0.06	0.08	0.1	0.03	0.17	0.19	1.05	0.7
1900	9	21	0.01	0	0.45	0.9	0.26	0.3	0.09	0.45	0.16	0.36
1900	9	22	0	0.46	0.65	0.02	0	0	0.18	0	0.2	0.1
1900	9	23	0	0	0	0	0	0	0	0	0	0.11
1900	9	24	0	0	0.01	0	0	0	0	0	0	0
1900	9	25	0	0	0	0	0	0	0	0	0	0
1900	9	26	0	0	0	0	0	0	0	0	0	0
1900	9	27	0.02	0	0	0	0	0.77	0	1.21	0.1	0
1900	9	28	0	0.03	0	0	0	0	0	0	0	0
1900	9	29	0	0	0.02	0	0.12	0	1.23	0.02	0.4	0.1
1900	9	30	0.44	0.22	0.26	0.41	0.05	0.2	0	0.14	0	0
1900	10	1	0	0	0	0	0	0	0	0	0	0
1900	10	2	0	0	0	0	0	0	0	0	0	0
1900	10	3	0.02	0	0.01	0	0	0	0	0	0	0
1900	10	4	0	0	0.01	0	0	0	0	0	0	0
1900	10	5	0.02	0.01	0	0.1	0	0	0.02	0	0.06	0.2
1900	10	6	0	0	0.08	0.15	0	0.05	0.02	0.14	0.2	0.1
1900	10	7	0.02	0.03	0.04	0	0	0	0	0.06	0	0
1900	10	8	1.14	0.07	1.01	0.38	0.08	0.58	0.98	0.56	0.55	0
1900	10	9	0.42	1.4	0.94	1.1	0	0.4	0	0.08	0	0
1900	10	10	0	0.79	0.5	0.6	0	0.31	0	0.94	0.03	0
1900	10	11	0	0.14	2.04	1	0.11	0.1	0	0.37	0.13	0.93
1900	10	12	0	0	0	0	0	0	0	0	0	0
1900	10	13	0.29	0	0	0	0	0	0	0	0	0
1900	10	14	1.37	0.44	0.74	0.61	0.39	0.36	0	0.36	0.2	0
1900	10	15	0	0	0.07	0.11	0.03	0.01	0	0	0	0
1900	10	16	0.07	0.04	0.03	0.14	0.03	0.1	0	0.13	0.18	0.3
1900	10	17	0	0	0	0	0	0	0	0	0	0
1900	10	18	0	0	0	0	0	0	0	0	0	0
1900	10	19	0	0	0	0	0	0	0	0	0	0
1900	10	20	0	0	0	0	0	0	0	0	0	0
1900	10	21	0	0	0	0	0	0	0	0	0	0.2

1900	10	22	0	0	0	0	0	0	0	0	0	0
1900	10	23	0.15	0	0	0	0	0	0.85	0	0.02	0
1900	10	24	0.05	0.06	0.34	0.2	0.24	0.24	0	0.25	0.46	0
1900	10	25	0	0	0	0	0	0	0	0	0	0.25
1900	10	26	0	0	0	0	0	0	0	0	0	0
1900	10	27	0.01	0	0	0	0.92	0	0	0	0	0
1900	10	28	0	0.43	0	0	0	0.04	0	0	0	0
1900	10	29	0	0	0	0	0	0	0.13	0	0	0
1900	10	30	0	0	0	0	0.03	0	0.03	0.02	0.07	0
1900	10	31	0	0	0	0	0	0	0	0	0	0
1900	11	1	0	0	0	0	0	0	0	0	0	0
1900	11	2	0.02	0	0.02	0.02	0.01	0	0	0	0	0
1900	11	3	0.17	0	0	0	0	0	0	0	0	0
1900	11	4	0	0	0	0	0	0	0	0	0	0
1900	11	5	0	0	0	0	0	0	0.36	0	0	0
1900	11	6	0	0	0	0	0	0	0	0	0	0
1900	11	7	0.11	0	0	0	0	0	0.57	0	0.03	0
1900	11	8	0.49	0	1.45	1.08	0.04	1.76	0.5	1.73	0.44	0.78
1900	11	9	0.37	0.47	0.86	0.73	1.6	0.69	1.01	0.56	0.92	0.87
1900	11	10	0	0	0	0	0	0	0.03	0	0	0
1900	11	11	0	0	0	0	0	0	0	0	0	0
1900	11	12	0	0	0	0	0	0	0.07	0	0	0
1900	11	13	0	0	0	0	0	0	0.22	0	0.02	0
1900	11	14	0	0	0	0	0.01	0	0.11	0	0	0
1900	11	15	0	0	0	0	0	0	0.18	0	0	0
1900	11	16	0	0	0	0	0	0	0.08	0	0	0
1900	11	17	0	0	0	0	0	0	0	0	0	0
1900	11	18	0	0.01	0.05	0.03	0.04	0.01	0.24	0.02	0	0
1900	11	19	0	0.06	0.53	0.73	0.06	0.31	0.56	0.39	0.6	0.2
1900	11	20	0.04	0.1	0.26	0	0.11	0.11	0.96	0.1	0.8	0
1900	11	21	0.09	0.11	0.13	0.14	0.01	0.06	0.73	0.08	0.21	0.25
1900	11	22	0	0	0	0	0	0	0.06	0.03	0	0.15
1900	11	23	0	0.12	0.07	0.08	0	0.07	0.05	0.16	0	0
1900	11	24	0.06	0	0	0	0.04	0	0	0	0	0
1900	11	25	1.06	0.82	0.48	0.38	0.32	0.41	0.58	0.42	1.5	1
1900	11	26	1.9	1.79	1.58	1.92	1.26	1.44	1.21	1.34	1.15	0
1900	11	27	0.05	0.03	0.01	0.09	0.24	0.02	0.02	0.07	0.27	0.7
1900	11	28	0	0.01	0	0	0	0	0	0	0	0
1900	11	29	0	0	0.06	0.08	0.21	0.04	0.11	0.02	0.1	0.15
1900	11	30	0	0.65	0	0	0	0.3	0	0.36	0	0
1900	12	1	0	0	0	0	0	0	0.12	0	0	0.1
1900	12	2	0	0	0	0	0	0	0	0	0	0
1900	12	3	0	0	0	0	0	0	0.13	0	0	0

1900	12	4	1.4	1.04	0.42	0.33	1	0.5	0.34	0.5	0.2	0.12
1900	12	5	0	0.48	1.42	0.65	0.67	0.58	0.32	0.75	0.98	0.9
1900	12	6	0	0	0	0	0.03	0	0.05	0	0.01	0
1900	12	7	0	0	0	0	0	0	0.2	0	0.01	0
1900	12	8	0	0	0	0	0	0	0	0	0	0
1900	12	9	0.01	0.03	0	0.04	0	0	0.22	0	0	0
1900	12	10	0	0	0	0	0	0	0	0	0	0
1900	12	11	0.01	0	0	0	0	0	0.03	0	0	0
1900	12	12	0	0	0	0	0	0	0.06	0	0.02	0.09
1900	12	13	0	0	0.02	0.08	0	0	0.58	0	0.01	0
1900	12	14	0	0	0	0	0.01	0	0	0	0	0
1900	12	15	0	0	0	0	0	0	0	0	0	0
1900	12	16	0	0	0	0	0.02	0	0	0	0.01	0
1900	12	17	0	0	0	0	0	0	0.05	0	0	0
1900	12	18	0	0	0	0	0	0	0	0	0	0
1900	12	19	0	0	0	0	0	0	0.11	0	0	0
1900	12	20	0	0	0	0	0	0	0.04	0	0.08	0
1900	12	21	0	0	0	0	0	0	0	0	0	0
1900	12	22	0	0	0	0	0	0	0	0	0	0
1900	12	23	0	0	0	0	0.02	0	0.05	0	0	0
1900	12	24	0	0.23	0.33	0.48	0	0.14	0	0.42	0	0
1900	12	25	0	0	0	0	0	0	0	0	0	0
1900	12	26	0	0	0	0	0	0	0.16	0	0.01	0
1900	12	27	0	0	0	0	0	0	0	0	0	0
1900	12	28	0.04	0.03	0.19	0.06	0.03	0.07	0.23	0.2	0.09	0.07
1900	12	29	0	0	0	0	0	0	0	0	0	0
1900	12	30	0.2	0	0	0	0	0	0.05	0	0	0
1900	12	31	0.35	0.44	0	0	0.02	0	0.02	0	0	0
1901	1	1	0	0	0	0	0.01	0	0	0	0	0
1901	1	2	0	0	0	0	0	0	0.02	0	0.16	0
1901	1	3	0	0	0	0	0	0	0	0	0	0
1901	1	4	0	0	0	0	0	0	0.09	0	0.05	0.08
1901	1	5	0	0	0	0	0	0	0	0	0	0
1901	1	6	0	0	0	0	0	0	0	0	0	0
1901	1	7	0	0	0.1	0.1	0	0.02	0.27	0	0.3	0.18
1901	1	8	0	0	0	0	0	0	0.08	0	0	0.05
1901	1	9	0.01	0	0.05	0.08	0.1	0	0.04	0	0	0
1901	1	10	0.26	0.32	0.22	0.19	0.08	0.21	0.43	0.2	0.21	0.2
1901	1	11	0.9	0.2	0.15	0.1	0.13	0.01	0.04	0	0.03	0
1901	1	12	0.27	0.78	0.96	0.9	0.62	0.7	0.99	0.6	0.86	0.65
1901	1	13	0	0	0.01	0	0	0	0	0	0	0
1901	1	14	0.01	0	0	0	0	0	0	0	0	0
1901	1	15	0.03	0.03	0.13	0.05	0.17	0.27	0.3	0.1	0.01	0

1901	1	16	0	0.02	0.46	0.52	0.04	0.05	0.12	0.22	0.1	0.18
1901	1	17	0.06	0.01	0	0	0.01	0	0.02	0	0	0
1901	1	18	0	0.04	0.04	0.08	0	0	0	0	0	0
1901	1	19	0.01	0	0	0	0	0	0	0	0	0
1901	1	20	0	0	0	0	0	0	0.01	0	0.01	0
1901	1	21	0	0	0	0	0.01	0	0.05	0	0	0
1901	1	22	0	0	0	0	0	0	0	0	0	0
1901	1	23	0	0	0	0	0	0	0	0	0	0
1901	1	24	0	0.02	0.41	0.75	0	0	0	0	0	0
1901	1	25	0.01	0	0	0	0	0	0	0	0	0
1901	1	26	0	0	0	0	0	0	0	0	0	0
1901	1	27	0	0	0.3	0.7	0	0	0.05	0	0	0
1901	1	28	0	0	0	0.15	0.02	0	0.38	0	0.31	0.08
1901	1	29	0	0	0.05	0.04	0	0	0	0	0	0.09
1901	1	30	0.09	0.01	0	0	0.06	0	0	0	0	0
1901	1	31	0.01	0.13	0.46	0.12	0.34	0.13	0.09	0.4	0.1	0.28
1901	2	1	0	0.01	0.01	0	0	0.04	0	0	0	0
1901	2	2	0	0	0	0	0	0	0	0	0	0
1901	2	3	0.14	0	0	0	0	0	0	0	0	0
1901	2	4	0.23	0.47	0.78	1.19	0.54	0.38	0.32	0.6	0.2	0.45
1901	2	5	0	0.03	0.64	0.4	0	0	0.3	0	0.15	0
1901	2	6	0	0	0.02	0	0	0	0	0	0	0
1901	2	7	0	0	0	0	0	0	0	0	0	0
1901	2	8	0	0	0	0	0	0	0	0	0	0
1901	2	9	0.08	0	0	0	0.02	0	0	0	0.09	0
1901	2	10	0	0	0	0	0	0	0	0	0	0
1901	2	11	0	0	0	0	0	0	0	0	0	0
1901	2	12	0	0.01	0	0	0	0	0	0	0.05	0.1
1901	2	13	0	0	0	0	0	0	0.24	0	0.02	0.2
1901	2	14	0	0	0.02	0	0	0	0.03	0	0.03	0.08
1901	2	15	0	0	0	0.02	0	0	0.11	0	0.1	0
1901	2	16	0	0	0	0	0	0	0.17	0	0.03	0
1901	2	17	0	0	0	0	0	0	0.07	0	0	0
1901	2	18	0.08	0	0	0	0	0	0	0	0	0
1901	2	19	0	0	0	0	0	0	0	0	0	0
1901	2	20	0	0	0.03	0	0	0	0.04	0	0	0.09
1901	2	21	0	0	0	0	0	0	0.03	0	0	0
1901	2	22	0	0	0	0	0	0	0	0	0	0
1901	2	23	0	0	0	0	0	0	0	0	0	0
1901	2	24	0.02	0.14	0.18	0.15	0	0.05	0	0	0	0
1901	2	25	0	0	0	0	0	0	0.18	0	0	0
1901	2	26	0	0	0	0	0	0	0.75	0	0	0
1901	2	27	0	0	0	0	0	0	0	0	0	0

1901	2	28	0	0	0	0	0	0	0	0	0	0
1901	3	1	0	0	0	0	0	0	0.14	0	0	0
1901	3	2	0.06	0.12	0.01	0	0.02	0	0.03	0	0	0.01
1901	3	3	0	0	0	0	0	0	0	0	0	0
1901	3	4	0.11	0.22	0.1	0.19	0.02	0.1	0	0.1	0	0
1901	3	5	0.14	0.16	0.54	0.49	0.36	0.17	0.11	0.4	0	0.03
1901	3	6	0	0	0.01	0	0	0	0	0	0	0
1901	3	7	0	0	0	0	0	0	0.06	0	0	0
1901	3	8	0	0	0	0	0	0	0.4	0	0	0
1901	3	9	0.01	0.3	0.24	0.24	0	0.12	0.33	0.2	0	0
1901	3	10	0.29	0.01	0	0	0	0	0.2	0	0	0
1901	3	11	2.94	1.94	2.83	1.78	1.18	1.34	2.24	0.4	0.45	0.25
1901	3	12	0	0	0.03	0	0	0	0.16	0	0.34	0
1901	3	13	0	0	0	0	0	0	0	0	0	0
1901	3	14	0.02	0.14	0.3	0.29	0.3	0.2	0.24	0.2	0	0
1901	3	15	0.02	0	0	0	0.1	0	0	0	0.29	0.05
1901	3	16	0.01	0	0	0	0.17	0	0	0	0	0
1901	3	17	0	0	0	0	0	0	0.07	0	0	0
1901	3	18	0	0	0	0	0	0	0.05	0	0	0
1901	3	19	0	0	0	0	0	0	0	0	0	0
1901	3	20	0.08	0.02	0.01	0	0.01	0	0.46	0	0	0
1901	3	21	1.17	1.14	0.77	1.12	1.66	0.69	0.67	0.84	0.9	0.6
1901	3	22	0	0.11	0.27	0.56	0	0.06	0.02	0.02	0	0.05
1901	3	23	0	0	0	0	0	0	0	0	0	0
1901	3	24	0.05	0.06	0	0	0.06	0	0	0	0	0
1901	3	25	0.27	0.06	0	0	0.02	0.01	0	0	0	0.01
1901	3	26	0.3	1.56	0.67	0.5	0.1	1	1.49	0.8	0.02	0
1901	3	27	0	0.74	0.64	0.83	0.14	0.36	0.22	0.04	0.52	0.05
1901	3	28	0	0	0	0.05	0	0	0.03	0	0.05	0.07
1901	3	29	0	0	0	0	0	0	0.14	0	0.07	0.05
1901	3	30	0	0	0	0.03	0	0	0.04	0	0	0
1901	3	31	0	0	0.01	0.17	0	0	0.18	0	0.09	0
1901	4	1	0	0	0.04	0.09	0	0	0.22	0	0.17	0.15
1901	4	2	0	0	0.05	0	0	0	0.01	0	0	0
1901	4	3	1.4	1.11	0.82	0.48	0.44	0.79	0.63	0.09	0.44	0.5
1901	4	4	0.2	0.14	1.25	1.52	0.18	0.71	0.16	0.03	0.04	0
1901	4	5	0.01	0	0.34	0.42	0.08	0.18	0.02	0	0.1	0.08
1901	4	6	0.94	0.14	0	0	0.06	0.01	0.02	0.04	0	0
1901	4	7	0	1.24	1.86	1.25	1.12	3.01	1	1.14	0.78	0.9
1901	4	8	0	0.06	0.48	0.62	0.04	0.07	0.43	0.25	0.28	0.4
1901	4	9	0	0.13	0.05	0.08	0.16	0.25	0.24	0.2	0.22	0.41
1901	4	10	0	0.14	0.01	0	0.02	0.13	0	0.02	0.14	0.1
1901	4	11	0	0	0.02	0	0	0	0	0	0	0

1901	4	12	0	0	0	0	0	0	0	0	0	0
1901	4	13	0	0	0	0	0	0	0	0	0	0
1901	4	14	0	0	0	0	0	0	0	0	0	0
1901	4	15	0.08	0.03	0	0	0	0	0	0	0	0
1901	4	16	0.01	0.76	0.02	0	0	0.01	0	0	0	0
1901	4	17	0	0	0	0	0	0	0	0	0	0
1901	4	18	0	0	0	0	0	0	0	0	0	0
1901	4	19	0	0	0	0	0.02	0	0.44	0	0	0
1901	4	20	1.81	0.03	0.25	0	0.27	0.07	0	0.01	0.01	0.05
1901	4	21	0.97	0.24	0.2	0.18	1.57	0.13	0.08	0.2	0.19	0.06
1901	4	22	0.01	0.04	1.27	0.99	0.02	0.26	0.11	0.1	0.22	0.1
1901	4	23	0.01	0	0.32	0.68	0.09	0.1	0.23	0.7	0.02	0.06
1901	4	24	0.6	1.09	0.23	0.03	0.36	0.44	0.18	0.37	0.06	0.05
1901	4	25	0.58	2.1	0.24	0.02	0.22	0.54	0	0.13	0	0.04
1901	4	26	0	0.08	0	0	0	0	0	0	0	0
1901	4	27	0	0	0	0	0	0	0	0	0	0
1901	4	28	0	0	0	0	0	0	0	0	0	0
1901	4	29	0	0	0	0	0	0	0	0	0	0
1901	4	30	0	0.1	0.02	0.07	0.01	0.17	0.42	0.08	0.14	0.25
1901	5	1	0.06	0.2	0.02	0	0.17	0.12	0	0	0	0.1
1901	5	2	0.19	0.01	0.09	0.19	0.09	0.23	0.27	0.48	0.09	0.6
1901	5	3	0.02	0.82	0.18	0	0.39	0.2	0	0	0	0.08
1901	5	4	0	0	0	0	0	0	0	0	0	0
1901	5	5	0	0	0	0.03	0	0	0	0	0	0
1901	5	6	0	0	0	0	0	0	0	0	0	0
1901	5	7	0	0	0	0	0	0	0	0	0	0
1901	5	8	0	0	0	0	0	0	0	0	0	0
1901	5	9	1.2	0	0	0	0	0	0	0	0	0
1901	5	10	1.3	0.31	1.17	0	0.44	0.47	0.03	0.55	0	0
1901	5	11	0.03	0.58	0.88	0.45	0.4	0.69	0.26	0.54	0.43	0.37
1901	5	12	0.01	0	0.04	0.34	0.1	0.02	0.34	0.02	0.39	0.15
1901	5	13	0.16	0.25	0.15	0.28	0.1	0.16	0.11	0.23	0.34	0.18
1901	5	14	0	0	0	0	0	0	0.06	0	0	0
1901	5	15	0	0	0	0	0	0	0	0	0	0
1901	5	16	0	0	0	0	0	0	0	0	0	0
1901	5	17	0	0	0	0	0.16	0	0.1	0	0.17	0.2
1901	5	18	0.46	0.24	0.16	0	0.76	0.49	0.36	0.63	0.38	0.7
1901	5	19	0	1.45	1.5	0.65	0.39	0.7	0.25	1	0.32	0.49
1901	5	20	0	0.72	1.29	0.39	0	0.96	0.03	0.7	0.13	0
1901	5	21	0	0	0	0	0	0	0	0	0	0
1901	5	22	0.16	0	0	0	0	0	0.07	0	0	0
1901	5	23	0	0.07	0.18	0.12	0.28	0.24	0.13	0.33	0.26	0.15
1901	5	24	0.28	0.4	0.52	0.24	0.09	0.4	0.15	0.16	0.47	0.2

1901	5	25	0.55	0.37	0.1	0	0.08	0.1	0	0.1	0.29	0.21
1901	5	26	0.26	0	0	0	0	0	0	0	0	0
1901	5	27	1.37	0.63	0.43	0.24	0.5	0.47	0.11	0.8	0.45	0.15
1901	5	28	0.01	0.25	0.38	0.81	0.35	0.55	0.01	0.53	0.11	0.25
1901	5	29	0.37	0	0	0.1	0.38	0	0.06	0.02	0	0.1
1901	5	30	0	0	0.08	0.09	0.11	0.29	0	0.14	0.13	0.07
1901	5	31	0	0.01	0	0.04	0	0	0.19	0.04	0	0.1
1901	6	1	0.1	0	0.13	0	0.01	0	0	0.02	0	0
1901	6	2	0.17	0	0.01	0	0.21	0.05	0.08	0.04	0.15	0.4
1901	6	3	0	0	0.05	0.18	0.06	0	0.32	0	0.27	0.06
1901	6	4	0	0	0	0	0	0	0.01	0	0	0
1901	6	5	0	0	0	0	0	0	0	0	0	0
1901	6	6	0	0	0	0	0	0	0	0	0.25	0.4
1901	6	7	0.44	0.08	0	0	1.36	0.48	0.31	0.6	1.05	0.56
1901	6	8	0	0.29	0.46	0.63	0.03	0.65	0.03	0.34	0.23	0.1
1901	6	9	0	0	0	0.11	0	0	0.19	0	0.08	0
1901	6	10	0	0	0	0	0	0	0	0	0	0
1901	6	11	0	0	0	0	0	0	0	0	0	0
1901	6	12	0	0	0	0.02	0	0	0.09	0	0	0
1901	6	13	0	0	0	0	0	0	0	0	0	0
1901	6	14	0	0	0	0	0.11	0	0	0	0	0
1901	6	15	0.02	0	0	0	0.01	0	0	0	0	0
1901	6	16	0	0	0	0	0	0	0	0	0	0
1901	6	17	0	0	0	0	0	0	0	0	0	0
1901	6	18	0	0	0	0	0	0	0	0	0.01	0
1901	6	19	0	0	0	0.04	0	0	0.39	0	0.31	0
1901	6	20	0	0	0	0	0	0	0.08	0	0.3	0.75
1901	6	21	0	0.04	0.05	0.13	0	0.06	0	0.01	1.62	0
1901	6	22	0	0.49	0	0	1.08	0.16	0	0	0	0
1901	6	23	0.27	0.18	0.22	0.15	0.02	0.47	0.47	0.75	0.43	0.64
1901	6	24	0	0.02	0.01	0	0	0	0	0.17	0	0
1901	6	25	0	0.09	0	0	0	0	0	0	0	0
1901	6	26	0	0	0	0	0	0	0	0	0	0
1901	6	27	0	0	0	0	0	0	0	0	0	0
1901	6	28	0	0	0	0.06	0	0	0	0	0.1	0
1901	6	29	0	0	0	0.04	0.2	0	0	0.03	0	0
1901	6	30	0	0.12	0	0	0.05	0	0	0	0	0
1901	7	1	0	0	0	0	0	0	0	0	0	0
1901	7	2	0.03	0.06	0.51	0.38	0.02	0	0.49	0	0	0
1901	7	3	0.31	0	0	0	0	0	0	0	0	0
1901	7	4	0	0	0	0	0	0	0	0	0.05	0
1901	7	5	3.07	0.11	0.2	0	0.49	0.19	0	0.48	0	0.05
1901	7	6	1.26	0.11	0.07	0	1.2	0.87	0.3	0.62	0.28	0.55

1901	7	7	0.01	0.01	0.05	0.37	0.09	0.24	0.64	0.54	0.11	0.4
1901	7	8	0.01	0	0.07	0	0.01	0	0	0	0.1	0
1901	7	9	0.04	0.05	0	0	0	0.1	0	0	0	0
1901	7	10	0	0	0	0	0	0	0	0	0.02	0
1901	7	11	0.66	0.94	0.34	0.25	0.25	1	0	0.25	0	0
1901	7	12	0.09	0.94	0.54	0	0	0.06	0	0	0	0
1901	7	13	0	0	0	0	0	0	0	0	0	0
1901	7	14	0	0	0	0	0	0	0	0	0	0
1901	7	15	0	0	0	0	0	0	0	0	0	0
1901	7	16	0	0	0	0	0	0	0	0	0	0
1901	7	17	0.43	0.14	0.58	0.17	0.72	0.08	0.16	0.21	0.03	2.2
1901	7	18	0.01	0	0.46	0.9	0.01	0.14	0.01	0.24	0.2	0.2
1901	7	19	0	0.09	0.03	0	0.01	0.54	0	0.01	0	0
1901	7	20	0	0	0	0	0	0	0	0	0	0
1901	7	21	0	0	0	0	0.24	0	0	0	0.05	0
1901	7	22	0	0	0	0	0	0.01	0	0	0	0
1901	7	23	0	0	0	0	0	0.04	0	0	0	0
1901	7	24	0	0	0.06	0	0	0	0.13	0	0.13	0
1901	7	25	0	0.93	0.16	0	0.8	0.57	0	0	0	0
1901	7	26	0.12	0	0	0	0.01	0	0	0	0	0
1901	7	27	0	0	0	0	0	0	0	0	0	0
1901	7	28	0.26	0	0.34	0.45	0.07	0.14	0.99	1.39	0.48	0.81
1901	7	29	0.17	1.81	0.06	0.03	0.28	0.21	0.33	0.21	0	0
1901	7	30	0.07	0.01	0.72	1.38	0.06	0.14	2.18	0.86	0.6	0.8
1901	7	31	1.1	0	0.02	0.33	0	0.18	0.04	0	0	0
1901	8	1	0	0	0	0	0	0	0	0	0.05	0
1901	8	2	0	0	0	0	0	0	0	0	0.2	0
1901	8	3	0	0	0.08	0.39	0.3	0.09	0.04	0.31	0	0.05
1901	8	4	0.36	0	0	0	0	0	0	0	0	0.3
1901	8	5	0	0.14	0	0	0	0.03	0	0	0	0
1901	8	6	1.42	0	0	0	0.08	0	0	0	0	0
1901	8	7	0.42	0	0.4	1.66	2.82	3.32	1.11	2.67	0.09	1.44
1901	8	8	0	0.67	0.08	0	0.05	0.18	0.05	0.1	0.17	0.03
1901	8	9	0	0	0	0.03	0	0.06	0.04	0	0	0.44
1901	8	10	0	0	0.4	0.14	0.02	1.4	1.33	0.25	0.09	0
1901	8	11	0.01	0.09	0	0	0.01	0	0	0	0	0
1901	8	12	0.28	0.02	0	0.18	0	0	0	0	0	0
1901	8	13	0	0	0	0	0	0	0	0	0	0
1901	8	14	0	0	0	0	0	0	0	0	0	0
1901	8	15	0	0	0	0	0.12	0.02	0	0	0.04	0.76
1901	8	16	0	0	0.06	0.47	0.16	0.29	0	0.88	0.5	0
1901	8	17	0	0	0	0	0.01	0	0	0	0	0
1901	8	18	0.72	0.2	0	0	0	0	0	0	0	0

1901	8	19	0.84	0	0	0	0	0	0	0	0	0
1901	8	20	0	0.03	0	0	0.1	0.01	0.28	0	0	0
1901	8	21	0	0	0	0	0.04	0.03	0	0	0	0
1901	8	22	0	0	0	0	0	0	0.12	0	0	0
1901	8	23	0	0	0	0	0.08	0	0.87	0.21	0	0
1901	8	24	2.47	0.01	0.22	0.12	0.62	0.02	0.02	0.1	0.19	0
1901	8	25	0	2.09	2.02	2.55	0	1.23	0	0.33	0	0
1901	8	26	0	0	0	0	0	0	0	0	0	0
1901	8	27	0	0	0	0	0	0	0	0	0	0
1901	8	28	0	0	0	0	0	0	0	0	0	0
1901	8	29	0	0	0	0	0	0	0	0	0	0
1901	8	30	0	0	0	0	0	0	0.24	0	0.07	0
1901	8	31	0.03	0	0	0	0.1	0	1.34	0	0.12	0.25
1901	9	1	0.71	0.23	0.1	0.04	0.58	0.25	0	0.3	0	0.05
1901	9	2	0	0	0.08	0.16	0	0.34	0	0	0.17	0
1901	9	3	0	0	0.01	0	0	0	0	0	0	0
1901	9	4	0	0	0	0	0	0	0	0	0	0
1901	9	5	0	0	0	0	0	0	0	0	0	0
1901	9	6	0	0	0	0	0	0	0	0	0	0
1901	9	7	0	0	0	0	0	0	0.84	0	0.02	0
1901	9	8	0	0	0	0	0	0	0	0	0	0
1901	9	9	0	0	0	0	0	0	0	0	0	0
1901	9	10	0.02	0	0	0	0.01	0	0	0	0	0
1901	9	11	0.34	0.62	0.04	0.38	0.39	0.02	0.33	1.08	0.83	0.1
1901	9	12	0.15	0.08	0.27	0.24	0.17	0.77	0.38	0.25	0.34	0.45
1901	9	13	0	0	0.03	0	0.32	0.07	0.01	0	0.02	0.2
1901	9	14	0	0	0	0	0	0	0	0	0	0
1901	9	15	0.02	0	0.2	0.29	0.1	0.14	0.14	0.25	0.17	0.05
1901	9	16	0	0.24	0.02	0	0	0.23	0.06	0	0.02	0
1901	9	17	0.3	0.24	0.72	0.53	0.68	0.65	0.42	0.56	0.26	0
1901	9	18	0.16	0.05	0	0	0.01	0	0.13	0	0	0
1901	9	19	0.01	0.26	0.02	0	0	0	0.07	0	0	0
1901	9	20	0.04	0.19	0	0.13	0.12	0.01	0.02	0.03	0	0.13
1901	9	21	0	0	0.12	0	0	0	0.02	0	0	0
1901	9	22	0	0	0	0	0	0	0	0	0	0
1901	9	23	0	0	0	0	0	0	0	0	0	0
1901	9	24	0	0	0	0	0	0	0	0	0	0
1901	9	25	0	0	0	0	0	0	0	0	0	0
1901	9	26	0	0	0	0	0	0	0	0	0	0
1901	9	27	0	0	0	0	0	0	0	0	0	0
1901	9	28	0.06	0	0	0	0	0	0	0	0	0
1901	9	29	0.56	0.5	0.53	0.31	0.58	0.6	1.53	0.7	0.71	0.38
1901	9	30	0.05	0.09	0.04	0	0	0	0	0	0	0

1901	10	1	0	0	0	0	0	0	0	0	0	0
1901	10	2	0.17	0	0	0.5	0.02	0	0.59	0.38	0.7	0
1901	10	3	0	0.76	0.77	0	0.01	0.47	0	0.15	0	0
1901	10	4	0	0	0	0	0	0	0	0	0	0
1901	10	5	0	0	0	0	0	0	0.04	0	0.07	0
1901	10	6	0	0.12	0.18	0.41	0.03	0.12	0	0.2	0	0
1901	10	7	0	0	0	0	0	0	0	0	0	0
1901	10	8	0	0	0	0	0	0	0	0	0	0
1901	10	9	0	0	0	0	0	0	0	0	0	0
1901	10	10	0	0	0	0	0	0	0.3	0	0.02	0
1901	10	11	0	0	0	0	0	0	0	0	0	0
1901	10	12	0	0	0.01	0	0	0	0	0	0	0
1901	10	13	0.97	0	0.03	0.04	0.38	0.07	0.6	0.15	1.4	1.6
1901	10	14	1.2	1.98	1.65	2.42	1.66	2.44	0	2.32	0	0
1901	10	15	0	0.15	0.29	0.4	0.38	0.5	0	0.54	0.07	0.23
1901	10	16	0	0	0	0	0	0	0.13	0	0	0.2
1901	10	17	0	0.01	0.14	0.37	0	0	0.62	0.08	0.47	0
1901	10	18	0	0	0	0	0	0	0	0	0	0
1901	10	19	0.01	0	0.01	0.04	0	0.01	0.95	0	0.1	0
1901	10	20	0	0	0	0	0	0	0.02	0	0	0
1901	10	21	0	0	0	0	0	0	0.06	0	0.05	0
1901	10	22	0	0	0	0	0	0	0	0	0	0
1901	10	23	0	0	0.01	0	0	0	0.02	0	0	0
1901	10	24	0	0	0.03	0	0	0	0	0	0	0
1901	10	25	0	0	0	0	0	0	0	0	0	0
1901	10	26	0	0	0	0	0	0	0	0	0	0
1901	10	27	0	0	0	0	0	0	0.27	0	0	0
1901	10	28	0	0	0	0	0	0	0	0	0	0
1901	10	29	0	0	0	0	0	0	0	0	0	0
1901	10	30	0	0	0	0	0	0	0	0	0	0
1901	10	31	0	0	0	0	0	0	0	0	0	0
1901	11	1	0	0.02	0.17	0.1	0.01	0.02	0.02	0.1	0.04	0
1901	11	2	0	0	0	0	0	0	0	0	0	0
1901	11	3	0	0	0	0	0	0	0	0	0	0
1901	11	4	0	0	0	0	0	0	0	0	0	0
1901	11	5	0.01	0	0	0	0.05	0	0	0	0.02	0
1901	11	6	0	0	0	0	0	0	0	0	0	0
1901	11	7	0	0	0	0	0	0	0	0	0	0
1901	11	8	0	0	0	0	0.02	0	0.01	0	0	0
1901	11	9	0	0	0	0	0	0	0.04	0	0.05	0
1901	11	10	0	0	0	0	0	0	0	0	0	0
1901	11	11	0.07	0.02	0	0	0.02	0.05	0	0	0.04	0.35
1901	11	12	0.11	0.3	0.39	0	1.25	0.47	0.94	0.4	1.04	1.4

1901	11	13	0	0.06	0.41	1.65	0.01	0.18	0.44	0.25	0	0.42
1901	11	14	0	0.03	0.03	0	0.3	0	0.97	0	0	0.28
1901	11	15	0	0	0	0	0	0	0.32	0	0.12	0
1901	11	16	0	0	0	0	0	0	0.1	0	0	0
1901	11	17	0	0	0	0	0	0	0.14	0	0	0
1901	11	18	0	0	0	0	0	0	0.03	0	0.03	0
1901	11	19	0	0.05	0.38	0	0	0.19	0.05	0.3	0.02	0.2
1901	11	20	0	0	0	0	0	0	0	0	0	0
1901	11	21	0	0	0	0	0	0	0	0	0	0
1901	11	22	0	0	0	0	0	0	0.12	0	0	0
1901	11	23	0	0	0	0	0	0	0	0	0.05	0
1901	11	24	0.79	1.21	0.22	0	0	0.11	0.1	0	0.05	0
1901	11	25	0	0.71	0.29	0.66	0.26	0.32	0.41	0.48	0.25	0.18
1901	11	26	0	0.01	0	0	0.02	0	0.2	0	0	0.1
1901	11	27	0	0	0	0	0	0	0.05	0	0	0
1901	11	28	0	0	0	0	0	0	0.02	0	0	0
1901	11	29	0.01	0	0	0	0.06	0	0	0	0	0
1901	11	30	0	0	0	0	0.02	0	0.01	0	0.05	0
1901	12	1	0	0	0	0	0	0	0	0	0	0
1901	12	2	0	0	0	0	0	0	0.06	0	0	0
1901	12	3	1.13	0.9	0.14	0	0.41	0.61	0	0.4	0	0
1901	12	4	0.01	0.86	1.1	0.1	0.6	1.28	0.11	0.8	0.2	0.5
1901	12	5	0	0	0	0	0	0	0	0	0	0
1901	12	6	0	0	0	0	0	0	0	0	0	0
1901	12	7	0	0	0	0	0	0	0	0	0	0
1901	12	8	0	0	0	0	0	0	0.19	0	0.05	0
1901	12	9	0	0	0	0.1	0	0.04	0.47	0	0	0.07
1901	12	10	0.37	0.85	1.02	1.27	0.24	0.78	0.53	0.38	0.5	0.95
1901	12	11	0	0	0	0	0	0	0	0	0	0
1901	12	12	0	0	0	0	0	0	0	0	0	0
1901	12	13	0.03	0.02	0.02	0.12	0	0	0	0	0	0
1901	12	14	0.04	0.01	0.03	0	0.41	0.04	0.95	0.02	0.1	0.8
1901	12	15	1.16	1.26	0.85	3.66	1.4	0.87	1.08	1	1.27	1.5
1901	12	16	0	0	0	0	0	0	0	0	0	0
1901	12	17	0.05	0.06	0.02	0	0	0.01	0	0	0	0
1901	12	18	0	0.04	0	0	0	0	0	0	0	0
1901	12	19	0	0	0.12	0	0	0.03	0.03	0	0.01	0
1901	12	20	0	0	0.16	0.03	0	0.02	0.02	0	0.02	0
1901	12	21	0	0	0	0	0	0	0	0	0	0
1901	12	22	0	0	0	0	0	0	0	0	0	0
1901	12	23	0.1	0	0	0	0.03	0	0.05	0	0	0
1901	12	24	0.09	0.68	0.76	1.19	0.33	0.62	0.14	0.71	0.43	0.5
1901	12	25	0.01	0.01	0.08	0.02	0.12	0.13	0	0	0.26	0.1

1901	12	26	0.63	0	0	0	0.01	0	0	0	0	0
1901	12	27	0.41	0.81	0.78	0.58	0.51	0.63	0.17	0.6	0.34	0.8
1901	12	28	0.02	0	0	0	0	0	0	0	0	0
1901	12	29	2.52	0.91	1.07	0.88	1.03	1.34	0.38	1.26	0.32	0.83
1901	12	30	0.44	2.08	0.99	0.83	0.33	0.8	0	0.76	0.04	0.12
1901	12	31	0	0	0	0.05	0	0	0.22	0	0.05	0
1902	1	1	0	0	0	0	0	0	0	0	0	0
1902	1	2	0	0	0	0	0	0	0.05	0	0	0
1902	1	3	0.04	0.03	0.01	0	0	0	0.01	0	0	0
1902	1	4	0	0	0	0	0	0	0	0	0	0
1902	1	5	0	0	0	0	0	0	0.08	0	0	0
1902	1	6	0	0	0	0	0	0	0.02	0	0	0
1902	1	7	0	0.33	0.03	0	0	0.1	0	0.03	0	0
1902	1	8	0.15	0.05	0.02	0.05	0.04	0.04	0	0	0	0
1902	1	9	0.01	0	0	0	0.02	0	0	0	0	0
1902	1	10	0	0.02	0.01	0	0.02	0.05	0	0	0.03	0
1902	1	11	0	0	0	0	0.04	0	0.05	0.05	0.05	0.09
1902	1	12	0	0.53	0.68	0.6	0.02	0.61	0.56	0.48	0.39	0.5
1902	1	13	0	0	0	0	0	0	0.15	0	0.05	0
1902	1	14	0	0	0	0	0	0	0	0	0	0
1902	1	15	0	0	0	0	0	0	0.14	0	0	0
1902	1	16	0	0	0	0	0	0	0.61	0	0.03	0
1902	1	17	0	0	0	0	0	0	0	0	0	0
1902	1	18	0	0	0	0	0	0	0.19	0	0	0.18
1902	1	19	0.02	0	0	0	0	0	0	0	0.01	0
1902	1	20	0	0	0	0	0	0	0	0	0	0
1902	1	21	0.8	0	0	0	0.04	0.01	0.43	0	0.1	0.2
1902	1	22	0.49	0.59	1	1.45	0.16	1.33	0.71	1.46	0	0
1902	1	23	0	0	0	0	0.01	0	0.13	0	0	0
1902	1	24	0	0	0	0	0	0	0	0	0	0
1902	1	25	0	0	0	0	0	0	0	0	0	0
1902	1	26	0.2	0	0.16	0	0.01	0.03	0.14	0	0	0
1902	1	27	0.21	0.1	0.82	0.57	0.29	0.37	0.2	0.47	0	0.25
1902	1	28	0	0	0	0	0	0	0	0	0	0
1902	1	29	0.16	0	0	0	0	0	0	0	0	0
1902	1	30	0.08	0	0	0	0.02	0	0	0	0	0
1902	1	31	0.11	0	0	0	0	0	0	0	0	0
1902	2	1	0.1	0.16	0.09	0.05	0.12	0.16	0.49	0.1	0.09	0.08
1902	2	2	0.46	0.82	1.9	1.26	0.74	1.09	1.35	0.8	0.6	0.55
1902	2	3	0	0.04	0.01	0	0.01	0.24	0.36	0	0.22	0.25
1902	2	4	0.01	0	0	0	0	0	0.01	0	0	0
1902	2	5	0	0.01	0	0	0	0.01	0	0	0	0
1902	2	6	0	0	0	0	0	0	0	0	0	0

1902	2	7	0	0	0	0	0	0	0.01	0	0.03	0.2
1902	2	8	0	0	0	0	0.02	0	0.38	0	0.05	0
1902	2	9	0	0	0	0	0	0	0.05	0	0.3	0.3
1902	2	10	0	0	0	0	0	0	0.01	0	0	0
1902	2	11	0	0	0	0	0	0	0.14	0	0	0
1902	2	12	0	0	0	0	0	0	0.05	0	0	0
1902	2	13	0	0	0.02	0	0	0	0	0	0	0
1902	2	14	0	0.01	0	0	0	0	0	0	0	0
1902	2	15	0	0	0	0	0	0	0	0	0	0
1902	2	16	0	0	0	0	0	0	0	0	0	0
1902	2	17	0.7	1.02	0.6	0	0.66	0.41	0.15	0.5	0.3	0.45
1902	2	18	0	0.1	0.24	0.2	0.29	0.29	0.35	0	0.2	0
1902	2	19	0	0	0	0	0	0	0.03	0	0	0
1902	2	20	0	0	0	0	0	0	0	0	0	0
1902	2	21	1.86	0.08	0	0	0.06	0	0	0	0	0
1902	2	22	0.73	0.29	0	0	0.07	0	0	0	0	0
1902	2	23	0	0	0	0	0	0	0	0	0	0
1902	2	24	0	0	0	0	0	0	0.07	0	0	0
1902	2	25	0.34	0	0	0	0	0	0	0	0	0
1902	2	26	0.6	1.4	0.48	0.19	0.09	0.17	0	0.08	0	0
1902	2	27	0	0	0	0	0	0	0	0	0	0
1902	2	28	0.59	0.26	0	0	0.98	0	0.05	0.3	0.03	0.3
1902	3	1	0.01	1.46	2.12	1.98	0.38	1.21	0.5	0.72	0.25	0.2
1902	3	2	0.77	0.13	0.63	0.91	0.81	0.82	1.75	0.97	0.65	0.9
1902	3	3	0.07	0	0	0	0	0	0.08	0	0.15	0
1902	3	4	0	0	0	0	0	0	0.01	0	0.05	0
1902	3	5	1.05	0.65	0.32	0.45	0.56	0.71	0	0.58	0	0.5
1902	3	6	0	0.14	0.29	0	0.16	0.29	0	0	0.18	0
1902	3	7	0	0	0	0	0	0	0	0	0.02	0
1902	3	8	0.69	0	0	0	0.01	0	0	0	0	0
1902	3	9	0.79	0.57	1.92	0.68	0.43	0.95	0.47	0.57	0.08	0.26
1902	3	10	0	0	0.01	0.27	0	0	0	0	0	0
1902	3	11	0	0	0	0	0	0	0.05	0	0	0
1902	3	12	0	0	0.02	0	0	0	0.28	0	0	0
1902	3	13	0.2	0.08	0.04	0.04	0.01	0	0.22	0	0.23	0.2
1902	3	14	0.02	0.05	0.08	0	0.01	0	0	0	0	0
1902	3	15	0	0	0	0	0	0	0	0	0	0
1902	3	16	0.15	0	0	0	0.04	0	0.97	0	0	0
1902	3	17	0.14	0.79	0.79	1.75	0.4	0.46	0	0.21	0.45	0.78
1902	3	18	0	0	0	0	0	0	0	0	0	0
1902	3	19	0	0.09	0.68	1.12	0.06	0.2	0.16	0.44	0.2	0.18
1902	3	20	0	0.12	0.36	0.61	0	0.2	0.14	0	0.14	0.17
1902	3	21	0	0.01	0.12	0.1	0.02	0.03	0.09	0	0.14	0

1902	3	22	0	0	0	0	0	0	0	0	0	0
1902	3	23	0	0	0	0	0	0	0	0	0	0
1902	3	24	0	0	0	0.03	0	0	0	0	0	0
1902	3	25	0	0	0	0	0	0	0	0	0	0
1902	3	26	0	0	0	0	0	0	0	0	0	0
1902	3	27	0	0	0	0	0	0.01	0.1	0	0.06	0
1902	3	28	0.14	0.07	0.07	0.21	0.06	0.01	0	0	0	0
1902	3	29	0.74	1.13	1.17	2.02	0.24	0.59	1.4	1.03	0.06	0.11
1902	3	30	0	0	0.05	0	0.01	0.01	0	0	0	0.03
1902	3	31	0.07	0	0.09	0.16	0.04	0.03	0.22	0.16	0.15	0.2
1902	4	1	0	0	0	0.04	0.01	0	0.41	0	0.25	0.1
1902	4	2	0	0	0	0	0	0.01	0.16	0	0	0
1902	4	3	0	0	0	0	0	0	0	0	0	0
1902	4	4	0	0	0	0	0	0	0	0	0	0
1902	4	5	0	0	0	0	0	0	0	0	0	0
1902	4	6	0.65	0	0	0	0	0	0	0	0	0
1902	4	7	0.09	0	0	0	0.01	0	0	0	0	0
1902	4	8	1.27	0.48	0	0	0.22	0.01	0	0	0	0
1902	4	9	0.07	1.27	1.02	0.47	0.35	2.01	0.04	1.04	0.22	0.4
1902	4	10	0	0	0.61	0.62	0.2	0.45	0.01	0.22	0.1	0.1
1902	4	11	0	0	0.02	0	0	0.12	0.01	0.14	0.03	0
1902	4	12	0	0	0.03	0.05	0.05	0.01	0.14	0.02	0.14	0
1902	4	13	0	0	0	0.04	0.02	0.04	0.26	0	0.29	0
1902	4	14	0	0	0	0	0	0	0	0	0	0
1902	4	15	0	0	0	0	0	0	0	0	0	0
1902	4	16	0	0	0	0	0	0	0	0	0	0
1902	4	17	0	0	0	0	0	0	0	0	0.05	0
1902	4	18	0	0	0	0	0.01	0	0	0	0	0
1902	4	19	0	0	0	0	0.01	0	0	0	0.02	0.12
1902	4	20	0	0	0.05	0.05	0.04	0	0.18	0.06	0.14	0.1
1902	4	21	0	0.01	0	0	0	0	0.04	0	0	0
1902	4	22	0	0	0.05	0.06	0	0	0.11	0	0.25	0
1902	4	23	0	0	0	0	0	0.05	0	0	0	0
1902	4	24	0	0	0	0	0	0	0	0	0	0
1902	4	25	0	0	0	0	0	0	0	0	0	0
1902	4	26	0.06	0.36	1.19	0.58	0.11	0.97	0.8	1.01	1.35	0.01
1902	4	27	0	0	0	0	0.35	0.13	0.03	0.02	0	0.9
1902	4	28	0	0	0	0	0	0	0	0	0	0
1902	4	29	0.5	0	0	0	0.04	0	0.05	0	0	0
1902	4	30	0.39	0.75	1	1.8	0.91	1.07	0.65	1.32	0	0.6
1902	5	1	0	0.27	0.02	0.03	0	0.16	0.02	0	0.16	0
1902	5	2	0	0	0	0	0	0	0	0.12	0	0
1902	5	3	0.13	0	0.09	0	0.1	0	0	0.08	0.27	0.25

1902	5	4	0	0	0	0	0	0.01	0.06	0	0.05	0.1
1902	5	5	0	0.14	0.23	0.06	0	0.38	0.02	0.35	0.2	0.2
1902	5	6	0	0	0	0	0	0	0	0	0	0
1902	5	7	0	0.05	0.17	0.35	0.13	0.18	0.41	0.14	0.08	0
1902	5	8	0	0	0	0	0	0	0.23	0	0	0
1902	5	9	0	0	0	0.03	0	0	0.15	0	0.04	0
1902	5	10	0	0	0	0	0	0	0	0	0	0
1902	5	11	0	0	0	0	0	0	0	0	0	0
1902	5	12	0	0	0	0	0	0	0	0	0	0
1902	5	13	0.06	0	0	0	0	0	0	0	0	0
1902	5	14	0	0	0	0	0	0	0	0	0	0
1902	5	15	0	0	0	0	0	0	0	0	0	0
1902	5	16	0	0	0	0	0	0	0	0	0	0
1902	5	17	0	0	0	0	0	0	0	0	0	0
1902	5	18	0	0	0	0	0	0	0	0	0	0
1902	5	19	0.06	0.38	0.28	0.4	0.32	0.34	0.04	0.2	0.3	0.3
1902	5	20	0.04	0.04	0.02	0	0	0.02	0	0	0.05	0
1902	5	21	0	0	0	0	0	0	0	0	0	0
1902	5	22	0	0	0	0	0	0	0.05	0	0	0
1902	5	23	0	0	0	0	0	0	0.27	0	0.22	0.1
1902	5	24	0	0	0.51	0.48	0.26	0.39	0.33	0.91	0.38	0.4
1902	5	25	0.4	0	0.19	0	0.16	0.02	0.06	0	0.96	0
1902	5	26	0.02	0.03	0.36	0.21	0.05	0.01	0.73	0.06	0.75	0.5
1902	5	27	0.64	0.11	0.25	0.29	0.74	0.59	0.79	0.6	0.65	0.6
1902	5	28	0	0.05	0.05	0	0.01	0.26	0.26	0.22	0.33	0.4
1902	5	29	0	0	0	0.16	0	0.02	0	0.04	0	0
1902	5	30	0	0	0	0	0.14	0	0.38	0.06	0.02	0
1902	5	31	0	0	0	0	0	0	0	0	0	0
1902	6	1	0	0	0	0	0	0	0.01	0	0	0
1902	6	2	0	0	0	0	0.01	0	0.04	0.17	0.06	0.05
1902	6	3	0	0.05	0.24	0.33	0.44	0.11	1.02	0.25	0.33	0.37
1902	6	4	0	0.01	0.26	0.14	0.62	0.1	0.7	0.2	0.51	0.06
1902	6	5	0	0	0.04	0	0.03	0.02	0	0	0	0
1902	6	6	0	0	0	0	0	0	0	0	0	0
1902	6	7	0.01	0.04	0.23	2.12	0.5	0.16	0.32	0.3	0.1	0.1
1902	6	8	0.14	0.07	0.1	0.56	0.18	0.27	0.32	0.12	0.7	0.3
1902	6	9	0	0	0	0	0	0	0.01	0	0.1	0.1
1902	6	10	0	0.03	0.01	0	0.24	0.04	0.43	0	0.03	0.05
1902	6	11	0.53	0	0.01	0	0.01	0	0	0.06	0	0.5
1902	6	12	0	0	0.03	0.21	0	0	0.19	0	0.18	0
1902	6	13	0.65	0.31	0.1	0.18	0.36	0.13	0.04	0	0.3	0.03
1902	6	14	0.06	0	0.01	0	0.01	0	0	0	0	0.25
1902	6	15	0	0.11	0.11	0.05	0.02	0.64	0	0.41	1.4	0.05

1902	6	16	0.28	0	0.7	0.47	0.26	0.21	0.11	1.05	0.76	0.5
1902	6	17	0.01	0	0.05	0.16	0.05	0.12	0	0.18	0.02	0
1902	6	18	0	0	0	0	0	0	0	0	0	0
1902	6	19	0.71	0.26	0	0	0.17	0.04	0	0.04	0.01	0.2
1902	6	20	0	0	0	0	0	0	0	0	0	0
1902	6	21	1.7	0.31	0.25	0.71	0.27	0.45	0.61	0.64	0.14	0.25
1902	6	22	0	0.15	0.45	0	0	0.09	0	0.02	0	0
1902	6	23	0	0	0	0	0	0	0.13	0	0	0
1902	6	24	0.17	0	0.04	0.03	0	0	0.34	0.03	0.25	0.1
1902	6	25	0.19	0	0	0.05	0.02	0	0	0	0.02	0
1902	6	26	0.47	0.36	1.15	1.4	0.22	0.68	1.37	0.7	0.35	0.5
1902	6	27	0	0	0	0.02	0	0	0.04	0	0.01	0
1902	6	28	0	0	0	0	0	0	0	0	0	0
1902	6	29	1.55	0.07	0	0	0.4	0.06	0	0	0	0
1902	6	30	0.01	0	0	0	0.1	0	0.03	0	0.02	0.2
1902	7	1	0.13	0.08	0.1	0.14	0.04	0.01	0.28	0.22	0.63	0.3
1902	7	2	0	0	0	0	0	0	0	0	0	0
1902	7	3	0.07	0.29	0.44	0.32	0.13	1.3	0.09	1.1	0.23	0.6
1902	7	4	0	0	0	0	0	0	0	0	0.72	0
1902	7	5	0.21	0	0	0	0.7	0	0	0	0.02	0
1902	7	6	0	0	0	0	0.01	0	0	0	0	0
1902	7	7	0	0	0	0	0	0	0.25	0	0.25	0.1
1902	7	8	0	0.1	0	0	0.01	0	0.03	0	0	0
1902	7	9	0	0	0	0	0	0	0	0	0	0
1902	7	10	0	0.22	0.59	1.09	0.13	0.33	0	0.53	0.32	0.4
1902	7	11	0	0	0	0	0	0	0	0	0	0
1902	7	12	0	0	0	0	0	0	0	0	0	0
1902	7	13	0	0	0	0	0	0	0	0	0	0
1902	7	14	0	0	0	0	0	0.87	0.01	0	0.3	0.15
1902	7	15	0.31	0.7	0.84	0.4	0.44	0.1	0.93	0.92	0.4	0.5
1902	7	16	0	0.06	0.01	0	0	0.03	0.18	0	0.1	0
1902	7	17	0.06	0.03	0	0.02	0	0.01	0.36	0.01	0.5	0
1902	7	18	0	0	0	0	0.1	0	0	0	0	0
1902	7	19	0.56	0.01	0	0	0.55	0.01	0	0.1	0.02	0
1902	7	20	0.43	0.51	0.13	0.11	1.68	1.24	0	0.82	1	0.3
1902	7	21	0.26	0.76	0.1	0.15	0.92	0.39	0.76	0.21	1.18	0.7
1902	7	22	0.01	0.05	0	0.02	0.02	0.12	0	0.04	0.39	0
1902	7	23	0	0	0	0	0	0.27	0	0.13	0.02	0
1902	7	24	0.17	0	0	0	0.46	0	0.04	0	0	0.1
1902	7	25	0.32	0.01	0	0	0	0	0	0.03	0	0
1902	7	26	0	0.03	0	0	0	0	0	0	0	0
1902	7	27	0	0	0	0	0.16	0	0.04	0	0.15	0.35
1902	7	28	3.06	0	0	0	0.02	0	0.17	0	0	0

1902	7	29	0	0.03	0	0	0	0	0	0	0	0
1902	7	30	0	0	0	0	0	0.01	0	0	0	0
1902	7	31	0	0	0	0	0	0	0	0	0	0
1902	8	1	0.04	0	0	0.06	1.18	0	0.95	0.62	0.25	0.7
1902	8	2	0	0	0.46	0	0.06	0	0.96	0	0.27	0.6
1902	8	3	0.35	0	0	0	0	0	0	0	0.05	0
1902	8	4	0	0.03	0	0.29	0.01	0	0	0	0	0
1902	8	5	0	0	0	0	0	0	0	0	0	0
1902	8	6	2.25	0.25	0.56	0.42	0.88	0.88	0	0.52	0.85	0.4
1902	8	7	0	0	0	0.24	0	0	0	0	0	0.3
1902	8	8	0	0.16	0.14	0.11	0.07	0.14	0.06	0.39	0.13	0.31
1902	8	9	0	0	0	0	0	0	0	0	0	0
1902	8	10	0.36	0	0	0	0	0	0	2.1	0	0
1902	8	11	0.11	1.02	1.76	1.68	0.82	1.49	0.8	0	0.77	0.8
1902	8	12	0	0.25	0.07	0	0	1.01	0	0.23	0	0
1902	8	13	0	0	0	0	0	0	0	0	0	0
1902	8	14	0	0	0	0	0	0	0	0	0	0
1902	8	15	0.32	0	0	0.18	0.01	0	0.36	0	0.13	0.05
1902	8	16	0	0	0.03	0	0.08	0	0	0	0.1	0.1
1902	8	17	0	0	0	0	0	0	0	0	0	0
1902	8	18	0	0	0	0	0	0	0	0	0	0
1902	8	19	0.86	0.29	0.01	0	0.21	0	0	0.05	0.05	0
1902	8	20	0	0	0	0	0.01	0	0	0	0	0.2
1902	8	21	0.01	0.01	0.16	0.07	0.62	0.39	1.18	0.2	0.51	0.16
1902	8	22	0	0	0.08	0	0	0	0.08	1.69	0.06	0
1902	8	23	0	0.14	0.77	1.19	0.03	0.74	0	0.3	0	0
1902	8	24	0	0	0	0	0	0	0	0	0	0
1902	8	25	0	0.05	0.32	0.02	0	0.55	0	0.04	0	0
1902	8	26	0	0	0	0.2	0	0	0.02	0	0.05	0.25
1902	8	27	0	0	0	0	0	0	0	0	0	0
1902	8	28	0	0	0	0	0	0	0	0	0	0
1902	8	29	0	0	0	0	0	0	0	0	0	0.75
1902	8	30	0	0	0	0	0	0	0	0	0	0
1902	8	31	0	0	0	0	0	0	0	0	0	0
1902	9	1	0	0	0	0.04	0.36	0	0.37	0	0.03	0.1
1902	9	2	0.01	0.07	0.04	0	0.02	0.07	0	0	0	0
1902	9	3	0	0	0	0	0	0	0	0	0	0.25
1902	9	4	0.01	0.62	0.07	0.87	0.08	0.31	0.11	0.55	0.34	0
1902	9	5	0	0	0	0	0	0	0	0	0	0
1902	9	6	0	0	0	0	0	0	0	0	0	0
1902	9	7	0.17	0.12	0.2	0.18	0.36	0.21	0.53	0.42	0.21	0.2
1902	9	8	0	0	0	0	0	0	0	0.1	0	0
1902	9	9	0.86	0.05	0.01	0	0.52	0.03	0.33	0.18	0.13	0.8

1902	9	10	0	0.1	0.38	0.82	0.16	0.5	0.04	0.56	1.24	0
1902	9	11	0	0	0	0	0	0	0	0	0	0
1902	9	12	0	0	0	0	0	0	0	0	0	0
1902	9	13	0.21	0.11	0.32	0	0.25	0.31	0.35	0.65	1.15	1.2
1902	9	14	0	0.13	0.28	0.92	0	0.18	0	0.1	0	0
1902	9	15	0	0	0	0	0	0	0	0	0	0
1902	9	16	0	0	0	0	0	0	0	0	0	0
1902	9	17	0	0	0	0	0	0	0	0	0	0
1902	9	18	0.02	0	0	0	0	0	0	0	0	0
1902	9	19	0.07	0.02	0.01	0.05	0.02	0.51	0	0.48	0	0.21
1902	9	20	0.02	0	0	0	0.03	0	0.11	0	0.05	0
1902	9	21	0	0	0.01	0	0	0	0.05	0	0	0
1902	9	22	0.02	0	0	0	0	0	0.08	0	0.02	0
1902	9	23	0	0	0	0	0	0	0.76	0	0	0
1902	9	24	0.04	0	0	0.02	0	0	0	0	0	0
1902	9	25	1.25	0	0	0	0	0	0	0	0	0
1902	9	26	0.95	0	0	0	0.34	0.15	0.17	0.15	0.47	0.6
1902	9	27	0.1	0.32	0.5	0.24	0.59	0.78	0.01	0	0	0
1902	9	28	0.57	0.01	0.06	0	0.82	0	0	0.68	0.01	0.15
1902	9	29	0	0.53	2.2	0.05	0.6	1.88	0	1.15	0.03	0.21
1902	9	30	0.01	0	0	0.03	0	0.32	0	0.09	0	0.32
1902	10	1	1.24	0.62	0.06	0.04	0.23	0.15	0.15	0.12	0	0.4
1902	10	2	0	0	0	0	0	0	0.01	0	0.05	0.05
1902	10	3	0	0	0	0	0	0	0	0	0	0
1902	10	4	0	0	0	0	0	0	0	0	0	0
1902	10	5	1.55	0.42	0.05	0.04	0.02	0.4	0	0.1	0.08	0.06
1902	10	6	0	0.36	1.39	1.28	0.06	0.45	0.69	0.6	0.47	0.1
1902	10	7	0	0	0	0	0	0	0.15	0	0.33	0
1902	10	8	0	0	0	0	0	0	0.06	0	0	0
1902	10	9	0	0	0	0.07	0	0	0.1	0	0.16	0
1902	10	10	0	0	0	0	0	0	0	0	0	0
1902	10	11	1.61	0	0	0	0	0	0	0	0	0
1902	10	12	0.28	0.94	0.53	0.14	0.56	0.7	0	0.35	0	0
1902	10	13	0	0	0	0.02	0	0	0.07	0	1	0
1902	10	14	0	0	0	0	0.14	0	0	0	0	0
1902	10	15	0	0	0	0	0	0	0.01	0	0	0
1902	10	16	0	0	0	0	0	0	0	0	0.02	0
1902	10	17	0.1	0	0	0	0	0	0	0	0	0
1902	10	18	0.01	0	0	0	0	0.01	0.19	0.06	0.06	0.08
1902	10	19	0	0.01	1.05	0.33	0.15	0.07	0.06	0.6	0.45	0.6
1902	10	20	0	0	0	0.03	0.03	0.04	0	0	0.04	0
1902	10	21	0	0	0	0	0	0	0	0	0	0
1902	10	22	0	0	0	0	0	0	0.11	0	0.03	0

1902	10	23	0	0.17	0.13	0.09	0.11	0.08	0.15	0	0.13	0
1902	10	24	0	0	0	0	0.03	0	0.2	0.12	0.08	0
1902	10	25	0	0	0.01	0	0.01	0.03	0	0	0	0
1902	10	26	0	0	0	0	0	0	0.09	0	0	0.1
1902	10	27	0.42	0	0.05	0.22	0.17	0.07	0.06	0.28	0	0
1902	10	28	1.95	1.84	1.68	2.64	1.29	2.41	0.44	1.9	0.98	1.25
1902	10	29	0	0	0	0	0	0	0.01	0	0.92	0
1902	10	30	0	0	0	0	0	0	0.06	0	0	0
1902	10	31	0	0	0	0	0	0	0.06	0	0.15	0
1902	11	1	0	0	0	0	0	0	0	0	0	0
1902	11	2	0	0	0	0	0	0	0	0	0	0
1902	11	3	0	0	0	0	0	0	0	0	0	0
1902	11	4	0	0	0	0	0	0	0	0	0	0
1902	11	5	0	0	0	0	0	0	0	0	0	0
1902	11	6	0	0	0.1	0.12	0.02	0.06	0.26	0.07	0.1	0.1
1902	11	7	0	0	0	0	0	0	0	0	0	0
1902	11	8	0	0	0	0	0	0	0	0	0	0
1902	11	9	0	0	0	0	0	0	0	0	0	0
1902	11	10	0	0	0	0	0	0	0.01	0	0	0
1902	11	11	0	0	0	0	0	0	0	0	0	0
1902	11	12	0.03	0.09	0.15	0.21	0.18	0.12	1.07	0.17	0.25	0.12
1902	11	13	0	0.02	0.1	0.11	0	0.22	0.47	0.2	0.2	0.2
1902	11	14	0	0	0	0	0	0.01	0.27	0.12	0.02	0
1902	11	15	0	0	0	0	0.01	0	0	0	0	0
1902	11	16	0	0	0	0	0	0	0	0	0	0
1902	11	17	0	0	0	0	0	0	0	0	0	0
1902	11	18	0	0	0	0	0	0.01	0.08	0	0.1	0
1902	11	19	0	0	0.09	0.15	0	0.15	0.25	0.2	0.15	0.2
1902	11	20	0	0	0	0	0	0	0	0	0	0
1902	11	21	0	0	0	0	0	0	0	0	0	0
1902	11	22	0.06	0	0	0.04	0.02	0	0.07	0.08	0.03	0
1902	11	23	0	0	0.01	0	0	0	0	0	0	0
1902	11	24	0.09	0	0	0	0	0	0.03	0	0.03	0
1902	11	25	0.17	0	0	0	0	0	0	0	0.01	0
1902	11	26	0.51	0.96	0.14	0.37	0.36	0.25	0.15	0.44	0.3	0.4
1902	11	27	0.02	0.02	0.17	0.07	0.28	0.13	0.29	0	0.1	0.1
1902	11	28	0	0	0.1	0.14	0	0	0.2	0.02	0	0.2
1902	11	29	0	0	0	0	0	0	0	0	0	0
1902	11	30	0.4	0	0	0	0.08	0.02	0	0	0	0
1902	12	1	0.01	0.22	0.14	0.07	0.02	0.12	0	0	0.02	0
1902	12	2	0.14	0	0	0	0	0	0.28	0	0.02	0
1902	12	3	0.46	0.32	0.5	0.34	0.22	0.6	0.61	0.35	0.19	0.4
1902	12	4	0	0	0.05	0	0.01	0	0.02	0.02	0	0

1902	12	5	0.55	0.55	0.4	0.5	0.9	0.7	0	0.7	0.05	0
1902	12	6	0	0	0	0	0	0	0	0	0	0
1902	12	7	0.05	0.18	0.22	0.2	0.11	0.13	0.27	0.2	0.1	0.21
1902	12	8	0	0	0	0	0	0	0.05	0	0.02	0
1902	12	9	0	0	0	0	0	0	0	0	0	0
1902	12	10	0	0.01	0.09	0.03	0	0.07	0.72	0.07	0.05	0
1902	12	11	0.22	0	0	0	0.05	0.02	0	0	0	0
1902	12	12	0.05	0.08	0.06	0.1	0.09	0.06	0	0.08	0.1	0.1
1902	12	13	0.61	0.36	0.06	0.02	0.73	0.28	0	0.17	0.1	0.15
1902	12	14	0.04	0	0.14	0	0.14	0.1	0	0	0.05	0
1902	12	15	0.04	0	0	0	0	0	0	0	0.09	0
1902	12	16	1.97	0.45	1.21	1.25	0.76	1.34	0.36	1.68	0.1	0.2
1902	12	17	0	0.44	0.53	0.3	0.1	0.36	0.07	0	0	0
1902	12	18	0	0	0	0	0	0	0.07	0	0	0
1902	12	19	0	0	0	0	0	0	0.01	0	0	0
1902	12	20	0	0	0	0	0	0	0	0	0	0
1902	12	21	1.37	0.5	0.26	0	0.38	0.42	0.94	0.2	0.05	0
1902	12	22	0.35	0.74	1.46	1.67	0.64	1.2	0.13	1.4	0.29	0
1902	12	23	0	0	0	0	0	0	0	0	0	0
1902	12	24	0	0	0	0	0	0	0	0	0	0
1902	12	25	0.72	0.27	0.01	0	0.61	0.06	0.05	0.17	0	0
1902	12	26	0	0.22	1.07	0.27	0.31	0.15	0.49	0	0.3	0.18
1902	12	27	0	0.04	0.2	0.37	0.06	0.11	0.44	0.19	0.1	0
1902	12	28	0	0	0	0	0	0	0.01	0	0	0
1902	12	29	0.19	0.04	0.1	0.23	0	0.14	0.15	0.2	0.02	0.2
1902	12	30	0	0.06	0.04	0	0	0.01	0	0	0	0
1902	12	31	0	0	0	0	0	0	0	0	0	0
1903	1	1	0	0	0	0	0	0	0	0	0	0
1903	1	2	0.06	0	0	0	0	0	0	0	0	0
1903	1	3	1.3	0.78	0.73	0.65	0.48	0.67	0.67	0.74	0.17	0.2
1903	1	4	0	0	0	0	0	0	0.01	0	0	0
1903	1	5	0	0	0	0	0	0	0	0	0	0
1903	1	6	0.15	0.38	0.22	0.3	0	0.05	0.01	0.07	0.15	0.3
1903	1	7	0	0.02	0.08	0.2	0.04	0.12	0.2	0.14	0	0
1903	1	8	0	0.01	0.14	0.2	0.02	0.08	0.1	0.04	0.2	0.08
1903	1	9	0	0	0	0	0	0	0.07	0	0	0
1903	1	10	0	0	0	0	0.01	0	0.01	0	0.05	0.07
1903	1	11	1.14	0.34	0.4	0.6	0.3	0.5	0.68	0.2	0.28	0.35
1903	1	12	0	0.22	0.25	0	0	0.12	0.2	0.16	0	0
1903	1	13	0	0	0	0	0	0	0	0	0	0
1903	1	14	0	0	0	0	0	0	0	0	0	0
1903	1	15	0	0	0	0	0	0	0.12	0	0.08	0
1903	1	16	0	0	0	0	0	0	0	0	0	0

1903	1	17	0	0	0	0.02	0	0	0.08	0	0	0
1903	1	18	0	0	0	0	0	0	0	0	0	0
1903	1	19	0	0	0	0	0	0	0	0	0	0
1903	1	20	0	0	0	0	0	0	0	0	0	0
1903	1	21	0.83	1.14	2.4	1.73	0.47	1.26	1.34	1.12	0.72	0.76
1903	1	22	0	0	0	0	0	0	0	0	0	0
1903	1	23	0	0	0	0	0	0	0.05	0	0.03	0.1
1903	1	24	0.01	0	0	0	0	0	0	0	0	0
1903	1	25	0.19	0.12	0.02	0	0.09	0.06	0	0.08	0.02	0.07
1903	1	26	0	0	0	0	0.11	0	0	0	0	0
1903	1	27	0	0	0	0	0	0	0	0	0	0
1903	1	28	0.36	0.02	0	0.03	0.13	0.18	0	0.09	0.3	0.35
1903	1	29	0.09	0	0	0	0.08	0.03	0.21	0.05	0.1	0
1903	1	30	0.05	0.4	0.66	0.81	0.1	0.54	0.21	0.46	0	0
1903	1	31	0	0	0	0	0	0	0.02	0	0.08	0
1903	2	1	0	0	0	0	0	0	0	0	0	0.75
1903	2	2	0	0.16	0.03	0	0	0.05	0.24	0.1	0.09	0.1
1903	2	3	0	0.01	0.09	0.17	0	0.02	0.08	0	0	0
1903	2	4	0.81	0.51	0.33	0.47	0.22	0.55	0.82	0.31	0.12	0.15
1903	2	5	0	0.2	0.4	0.35	0.22	0.53	0.07	0.58	0.04	0.1
1903	2	6	0	0	0	0	0	0	0	0	0	0
1903	2	7	0	0	0	0	0	0	0	0	0	0
1903	2	8	0.65	0.31	0.48	0.6	0	0.7	1.23	0.62	0.55	0
1903	2	9	0	0.02	0.08	0	0.21	0.04	0.17	0.05	0.08	0
1903	2	10	0	0	0	0	0	0	0	0	0	0
1903	2	11	0.41	0.07	0.04	0.12	0	0.05	0.53	0.11	0	0.4
1903	2	12	0	0.28	0.87	0.71	0.42	0.45	0.34	0.47	0.16	0
1903	2	13	0	0	0	0	0	0	0	0	0	0
1903	2	14	0	0	0	0	0	0	0	0	0	0
1903	2	15	0.15	0	0	0	0	0	0	0	0	0
1903	2	16	1	0.58	0.22	0.16	0.38	0.32	0.16	0.28	0.16	0.18
1903	2	17	0.52	1.46	0.48	0.4	0.31	0.74	0.12	0.64	0.31	0.6
1903	2	18	0	0	0	0	0	0	0	0	0	0
1903	2	19	0	0	0	0	0	0	0	0	0	0
1903	2	20	0	0	0	0	0	0	0	0	0	0
1903	2	21	0	0	0	0	0	0	0.05	0	0	0
1903	2	22	0	0	0	0	0	0	0	0	0	0
1903	2	23	0	0	0	0	0	0	0.11	0	0	0
1903	2	24	0	0	0	0	0	0	0	0	0.03	0
1903	2	25	0	0	0	0.02	0	0	0	0	0	0
1903	2	26	0	0	0	0	0	0	0	0	0	0
1903	2	27	0.35	0	0	0	0	0	0	0	0	0
1903	2	28	0.81	0.3	0.42	0.63	0.08	0.3	0.89	0.5	0.05	0.45

1903	3	1	0	0	0	0	0.21	0	0.04	0	0	0
1903	3	2	0	0	0	0	0	0	0.01	0	0.05	0
1903	3	3	0	0	0	0	0	0	0	0	0	0
1903	3	4	0	0	0	0	0	0	0.03	0	0	0
1903	3	5	0	0.16	0.22	0.4	0	0.18	0.23	0.19	0.05	0.2
1903	3	6	0	0.02	0.07	0	0.21	0	0	0	0.03	0
1903	3	7	0.23	0	0	0	0	0	0.05	0	0	0
1903	3	8	0.94	0.42	0.72	1.04	0	0.53	0.54	0.88	0.3	0.91
1903	3	9	0.81	1.03	0.36	0	0.24	0.16	0	0.11	0	0
1903	3	10	0	0.12	0.28	1.12	0.01	0	0	0	0	0
1903	3	11	0.2	0.47	1.23	1.15	0.25	0.8	0.39	0.83	0.4	0.08
1903	3	12	0	0	0	0	0	0	0	0	0	0
1903	3	13	0	0	0	0	0	0	0	0	0	0
1903	3	14	0	0	0	0	0	0	0	0	0	0
1903	3	15	0	0	0	0	0	0	0	0	0	0
1903	3	16	0	0	0.02	0	0	0	0.01	0	0	0
1903	3	17	0	0	0.04	0.16	0	0.04	0.25	0.12	0.3	0.1
1903	3	18	0	0	0	0	0	0	0	0	0	0
1903	3	19	0	0	0	0	0	0	0.02	0	0	0
1903	3	20	0	0	0	0	0	0	0.01	0	0	0
1903	3	21	0.3	0.33	0.11	0.55	0	0.5	0.26	0.55	0.7	0.2
1903	3	22	0.39	0.49	0.21	0	0.9	0.16	0.04	0	0	0
1903	3	23	0.9	1.22	1.39	1.17	0.31	1.06	1.15	1.07	0.9	1
1903	3	24	0	0.12	0.04	0	0.9	0.03	0.35	0	0.5	0.1
1903	3	25	0	0	0.06	0.08	0.06	0.05	0	0.18	0	0
1903	3	26	0	0	0	0	0	0	0	0	0	0
1903	3	27	0	0	0	0	0	0	0.12	0	0	0.08
1903	3	28	0	0.03	0.34	0.11	0.01	0.57	0	0.4	0	0.3
1903	3	29	0	0.03	0	0	0.14	0	0	0	0	0
1903	3	30	0.45	0.04	0	0	0	0	0	0	0	0
1903	3	31	0.01	1.47	0.51	0.87	0.52	0.92	0	1.16	0.3	0.82
1903	4	1	0	0	0	0	0	0	0	0	0	0
1903	4	2	0.06	0	0	0	0	0	0.08	0	0	0
1903	4	3	0.01	0.18	0.18	0.06	0.02	0.23	0.73	0.25	0.6	0.15
1903	4	4	0.67	0.29	0.47	0.43	0.39	0.18	0.28	0.37	0.4	0.3
1903	4	5	0	0	0	0	0	0	0	0	0	0.2
1903	4	6	0	0	0	0	0	0	0	0	0	0
1903	4	7	0.4	0.21	0.16	0.42	0.01	0.15	0.79	0.21	0.23	0
1903	4	8	0.53	1.01	0.14	0.05	0.03	0.52	0.13	0.17	0.15	0.08
1903	4	9	0.16	0.26	0.18	0	0.12	0.16	0	0.18	0	0
1903	4	10	0	0.23	0	0	0.06	0	0	0	0	0
1903	4	11	0	0	0	0	0	0	0	0	0	0
1903	4	12	0.16	0	0	0	0	0	0	0	0	0

1903	4	13	0	0	0	0	0	0	0	0	0	0
1903	4	14	0.75	0	0	0	0	0	0	0	0	0
1903	4	15	0.7	2.05	0.41	0.08	0.02	0.18	0	0.11	0.02	0.2
1903	4	16	0	0.13	0.97	0.29	0.14	0.17	0	0.16	0.23	0.15
1903	4	17	0	0.07	0	0.06	0	0.03	0	0.03	0	0
1903	4	18	0	0	0	0.03	0	0	0.03	0	0	0
1903	4	19	0	0	0	0	0	0	0	0	0	0
1903	4	20	0	0	0	0	0	0	0	0	0	0
1903	4	21	0	0	0	0	0	0	0	0	0	0
1903	4	22	0	0	0	0	0	0	0	0	0	0
1903	4	23	0	0	0	0	0	0	0	0	0	0
1903	4	24	0	0	0	0	0	0	0	0	0	0
1903	4	25	0	0	0	0	0	0	0	0	0	0
1903	4	26	0	0	0	0	0	0	0	0	0	0
1903	4	27	0	0	0	0	0	0	0	0	0	0
1903	4	28	0	0	0	0	0	0	0	0	0	0
1903	4	29	0	0	0	0	0	0	0	0	0	0
1903	4	30	0	0	0	0	0	0	0	0	0	0
1903	5	1	0	0	0	0	0	0	0	0	0	0
1903	5	2	0	0	0	0	0	0	0	0	0	0
1903	5	3	0	0	0	0	0	0	0	0	0	0
1903	5	4	0.19	0.03	0.14	0.09	0.06	0.16	0	0.24	0	0
1903	5	5	0	0.05	0.15	0.21	0	0	0	0	0	0
1903	5	6	0	0.06	0.31	0	0	0	0	0	0	0
1903	5	7	0.01	0	0	0	0.02	0	0	0	0	0
1903	5	8	0	0	0	0	0	0	0	0.04	0	0
1903	5	9	0	0	0	0	0	0	0	0	0	0
1903	5	10	0	0	0	0	0	0	0	0	0	0
1903	5	11	0	0	0	0	0	0	0	0	0	0
1903	5	12	0	0	0	0	0	0	0	0	0	0
1903	5	13	0	0	0	0	0	0	0	0	0	0
1903	5	14	0	0	0	0	0	0	0.02	0.02	0	0
1903	5	15	0	0.11	0	0	0	0.11	0	0	0	0
1903	5	16	0	0	0	0	0	0	0	0	0	0
1903	5	17	0	0	0	0	0	0	0	0	0	0
1903	5	18	0	0	0	0.06	0	0	0	0	0	0
1903	5	19	0	0.01	0	0.06	0	0	0	0	0	0
1903	5	20	0.04	0	0	0	0	0	0	0	0	0
1903	5	21	0	0	0	0	0	0	0	0	0	0
1903	5	22	0.06	0	0	0.03	0	0	0.07	0	0	0
1903	5	23	0	0	0	0	0	0	0	0	0	0
1903	5	24	0	0	0	0	0	0	0	0	0	0
1903	5	25	0	0	0	0	0	0	0	0	0	0

1903	5	26	0	0	0	0	0	0	0	0	0	0
1903	5	27	0	0	0	0	0	0	0.02	0	0	0
1903	5	28	0	0.06	0	0	0	0.12	0	0.15	0	0.24
1903	5	29	0	0	0	0	0	0	0	0	0	0
1903	5	30	0	0	0.08	0	0.07	0.18	0	0.05	0	0
1903	5	31	0	0	0	0	0	0	0	0	0	0
1903	6	1	0	0	0	0	0	0	0	0	0	0
1903	6	2	0	0	0	0	0	0	0	0	0	0
1903	6	3	0	0	0	0	0	0	0	0	0	0
1903	6	4	0	0	0	0	0	0	0	0	0	0
1903	6	5	0	0	0	0	0	0	0	0	0	0
1903	6	6	0	0	0	0	0	0	0	0	0	0
1903	6	7	0.22	0	0	0	0	0	0	0	0	0.1
1903	6	8	0.32	0.27	0	0.04	0.2	0.29	0.04	0.34	0.15	0
1903	6	9	0.01	0.17	0.38	0.26	0.01	0.01	0	0	0	0
1903	6	10	0.04	0	0	0	0.04	0.16	0	0.32	0.17	0.35
1903	6	11	0.08	0	0.4	0.13	0.15	0.07	0.2	0.22	0.45	0
1903	6	12	2.18	0.39	0.52	0.78	2.13	0.94	1.49	1.1	1.54	1.34
1903	6	13	0.08	0.38	2.08	3.21	0.03	0.76	0.17	0	0.38	0.64
1903	6	14	1.24	0	0	0	0.7	0.95	0	0.53	0.07	0.1
1903	6	15	0.35	2.45	0.63	0.4	0.73	1.32	0	0.84	0.06	0.15
1903	6	16	0	0.11	0.21	0	0	0.06	0.02	0.08	0	0
1903	6	17	0.05	0	0	0	0.11	0	0.23	0	0.35	0.25
1903	6	18	0.19	0	0	0	0.02	0.05	0.23	0.04	0.02	0
1903	6	19	0.26	0	0	0	0.26	0	0.03	0.04	0.02	0.19
1903	6	20	0.17	0.02	0	0	0.26	0.2	0	0.4	0	0
1903	6	21	0.62	2.36	0.39	0.07	0.47	1.99	1.56	2.1	1.37	0.65
1903	6	22	0	0.21	0.44	0	0	0.46	0	0.45	0	0
1903	6	23	0.7	0.01	0	0	0.03	0	0	0	0	0
1903	6	24	0.42	0.13	0.05	0.05	0.2	0.04	0.18	0.04	0.12	0.25
1903	6	25	0	0.47	0.43	0.18	0.04	0.36	0.12	0.34	0.12	0.08
1903	6	26	0	0	0	0	0.01	0.05	0.44	0.04	0.02	0.05
1903	6	27	0	0	0	0	0	0	0	0.06	0	0
1903	6	28	0	0	0	0	0	0	0	0	0	0
1903	6	29	2.57	0.06	0	0	0.22	0	0	0.03	0.05	0.02
1903	6	30	0.28	0.16	0	0	0.83	0.04	0.05	0.05	0	0.03
1903	7	1	0	0.18	0.05	0	0.55	0.22	0.01	0.35	0.12	0.35
1903	7	2	0.53	0	0	0	0	0	0.89	0.12	0.95	0
1903	7	3	0.08	0	0	0	0	0	0	0	0	0
1903	7	4	0	0	0	0	0	0	0	0	0	0
1903	7	5	0	0	0	0	0	0	0.04	0	0.01	0
1903	7	6	0.07	0.31	0.13	0.1	0.34	0.13	0	0	0.55	0.25
1903	7	7	0	0	0	0	0	0	0	0.13	0.04	0.1

1903	7	8	0	0	0.13	0.28	0	0	0	0	0	0
1903	7	9	0	0	0	0	0	0	0	0	0	0
1903	7	10	0	0	0	0.42	0.21	0	0	0	0.08	0.02
1903	7	11	0.2	0	0	0.1	0	0.39	0	0	0	0.01
1903	7	12	0.02	0	0.01	0	0.07	0	0.01	0	0	0
1903	7	13	0.16	0.02	0.02	0.02	0	0.01	0	0.3	0	0
1903	7	14	0	0.04	0	0	0.61	0	0	0	0.04	0.15
1903	7	15	0	0	0.03	0.22	0.05	0	0.08	0	0.24	0.25
1903	7	16	0	0.01	0.08	0.07	0	0.08	0.01	0	0.04	0.2
1903	7	17	0	0	0	0.26	0	0	0	0	0.06	0
1903	7	18	0.97	0	0	0	0.01	0.63	0	0.17	0	0.2
1903	7	19	0	1	0.66	0.38	0.21	0.33	0.22	0.38	0.3	0.5
1903	7	20	0	0	0	0	0.17	0	0.13	0	0.99	0.5
1903	7	21	0	0.24	0.93	0.93	0.54	2.01	0	0.8	0.32	0.28
1903	7	22	1.16	0.15	0	0	0.31	0.06	0.06	0.1	1.6	1.45
1903	7	23	0	0.26	0.11	1.15	0.04	0.22	0.22	0.26	0	0
1903	7	24	0	0	0	0	0	0	0	0	0	0
1903	7	25	0	0	0	0.64	0	0	0.26	0	0.32	0.3
1903	7	26	0	0.2	0.24	0	0	0.1	0.09	0.15	0	0.3
1903	7	27	0	0	0	0	0	0	0	0	0	0
1903	7	28	0	0	0	0	0	0	0	0	0	0
1903	7	29	0.22	0	0.11	0.2	0.33	0.1	0.18	0.27	0.28	0.3
1903	7	30	0.51	0.56	0	0	0.07	1.72	0.67	0	0.74	0
1903	7	31	0	0.02	0	0	0	0	0	0	0	0
1903	8	1	0	0	0	0	0	0	0	0	0	0
1903	8	2	0	0	0	0	0	0	0	0	0	0.1
1903	8	3	0	0	0	0	0	0	0	0	0	0
1903	8	4	2	0.11	0	0	0.41	0.15	0.08	0.22	0.05	0.25
1903	8	5	0.67	1	0.14	0.05	0.47	0.38	0	0.46	0.05	0
1903	8	6	0.09	0.32	0.06	0	0.03	0.03	0.03	0.02	0	0.04
1903	8	7	0.05	0.12	0.04	0.26	0.07	0.02	0	0.07	0	0.1
1903	8	8	0	0	0	0	0	0	0	0	0	0
1903	8	9	0.19	0.01	0	0.13	0.13	0.16	0.71	0.1	0.24	0
1903	8	10	0	0	0	0	0	0.01	0	0.02	0	0
1903	8	11	0	0	0	0.24	0.35	0	0.32	0.08	0.88	0.9
1903	8	12	0	0	0.05	0	0.01	0.42	0	0.33	0	0.03
1903	8	13	0	0	0	0	0	0	0	0	0	0
1903	8	14	0	0	0	0	0	0	0	0	0	0.06
1903	8	15	0	0	0	0	0	0.01	0.01	0.01	0	0
1903	8	16	0	0	0	0	0.16	0	0	0.1	0	0.02
1903	8	17	0	0.1	0.14	0.12	0	0.02	0	0	0	0.3
1903	8	18	0	0	0	0	0	0.03	0.03	0.15	0	0
1903	8	19	0.33	0	0	0	0.03	0	0.06	0	1.3	0.6

1903	8	20	0.23	0.22	0.74	1.47	0.42	1.03	0.7	1.32	0.88	0.5
1903	8	21	0	0	0	0	0	0	0	0	0	0
1903	8	22	0.09	0	0	0	0	0	0.57	0	0	0
1903	8	23	0.01	0	0	0	0	0	0	0	0	0
1903	8	24	0.01	0	0	0	0	0	0	0	0	0
1903	8	25	0.23	0.6	0.52	0.31	1.24	0.8	0.17	0.68	0.28	0.35
1903	8	26	0	0	0.05	0	0	0.04	0	0.03	0	0
1903	8	27	0.01	0	0	0	0	0	0	0	0	0
1903	8	28	1.44	0	0	0	0.04	0	0	0	0	0
1903	8	29	1.15	0.13	0	0	1.21	0.06	0	0	0.19	0.2
1903	8	30	0.23	0.53	0.01	0	0.54	0.22	0.09	0.23	0.15	0
1903	8	31	0	0.19	0.1	0.32	0.03	0	0.4	0	0	0
1903	9	1	0	0	0.01	0	0	0.05	0.15	0	0.06	0
1903	9	2	0	0	0	0	0	0	0	0.03	0	0.2
1903	9	3	0	0	0	0	0	0	0	0	0	0
1903	9	4	0	0	0	0	0	0	0.09	0	0.04	0.1
1903	9	5	0.49	0.66	0.79	0.22	0	0	0.05	0.01	0	0
1903	9	6	0	0.15	0	0	0	0	0	0	0	0
1903	9	7	0	0	0	0.02	0	0	0	0	0	0
1903	9	8	0	0	0	0	0	0	0	0	0	0
1903	9	9	0	0	0	0	0	0	0	0	0	0
1903	9	10	0	0	0	0	0	0	0.01	0	0	0
1903	9	11	0.08	0	0.09	0	0.02	0	0	0	0.12	0
1903	9	12	0	0	0	0	0	0	0	0	0	0
1903	9	13	0	0	0	0	0	0	0	0	0	0
1903	9	14	0	0	0	0	0	0	0	0	0	0
1903	9	15	0	0	0	0	0	0	0.05	0	0	0
1903	9	16	1.63	0	0	0	0	0.01	0	0	0	0
1903	9	17	0.77	0.63	0.71	0.58	0.99	0.54	0.35	0.58	0.3	0.4
1903	9	18	0.02	0	0.12	0.05	0.01	0.12	0	0	0	0
1903	9	19	0	0	0	0	0	0	0	0	0	0
1903	9	20	0	0	0	0	0	0	0	0	0	0
1903	9	21	0	0	0	0	0	0	0	0	0	0
1903	9	22	0	0	0	0	0	0	0	0	0	0
1903	9	23	0	0	0	0	0	0	0	0	0	0
1903	9	24	0	0.01	0	0	0	0	0.04	0	0	0
1903	9	25	0	0	0	0	0	0	0	0	0	0
1903	9	26	0	0	0	0	0	0	0	0	0	0
1903	9	27	0.68	0	0	0.22	0.28	0.42	0.53	0.45	0.28	0.2
1903	9	28	0	0.98	0.34	0.25	0	0.1	0	0.03	0	0
1903	9	29	0	0	0	0	0	0	0	0	0	0
1903	9	30	0	0	0	0	0	0	0	0	0	0
1903	10	1	0	0	0	0	0	0	0.22	0	0	0

1903	10	2	0.47	0.13	0.09	0.05	0.12	0.08	0.05	0.06	1.07	0
1903	10	3	0	0	0	0	0	0	0	0	0	0
1903	10	4	0	0	0	0	0	0	0.11	0	0	0
1903	10	5	0	0.2	0.23	0.44	0.32	0.14	0.1	0.48	0.25	0.5
1903	10	6	0	0	0	0	0	0	0	0	0	0
1903	10	7	0.01	0	0	0	0	0	0.44	0	0	0
1903	10	8	4.3	0.23	0.38	0.11	1.67	0.16	0.35	0.31	0.02	0.65
1903	10	9	7.33	0.1	0	0	3.09	0.33	0.84	0.56	1.4	0.65
1903	10	10	0.17	0.37	0.02	0	0.05	0.02	0.03	0.04	0	0
1903	10	11	0.13	0.37	0.11	0.09	0.05	0.04	0	0.01	0	0
1903	10	12	0.02	0.99	1.36	1.68	0.01	1.2	0	0.73	0	0
1903	10	13	0	0.1	0.15	0	0	0.02	0	0	0	0
1903	10	14	0	0	0	0	0	0	0	0	0	0
1903	10	15	0	0	0	0	0	0	0	0	0	0
1903	10	16	0	0	0	0	0.08	0.02	0.03	0.03	0.08	0.3
1903	10	17	0.71	0.92	0.24	0.18	0.16	0.31	0.65	0.25	0.1	0.4
1903	10	18	0.01	0.34	0.71	1.03	0.32	0.47	0.2	0.6	1.1	0
1903	10	19	0	0	0	0	0.03	0	0.03	0	0	0
1903	10	20	0	0	0	0	0	0	0	0	0	0
1903	10	21	0	0	0	0	0	0	0	0	0	0
1903	10	22	0	0	0	0	0	0	0.29	0	0	0
1903	10	23	0.16	0.2	0.26	0.22	0.16	0.48	0.06	0.26	0.35	0.5
1903	10	24	0	0	0.02	0	0	0	0	0	0	0
1903	10	25	0	0	0	0	0	0	0.03	0	0	0
1903	10	26	0	0	0	0.02	0	0	0.2	0.04	0.14	0.05
1903	10	27	0	0	0	0	0	0	0	0.01	0	0
1903	10	28	0	0	0	0	0.03	0	0	0	0	0
1903	10	29	0	0	0	0	0	0	0	0	0	0
1903	10	30	0	0	0	0	0	0	0	0	0	0
1903	10	31	0	0	0	0	0	0	0.07	0	0.04	0
1903	11	1	0	0	0	0	0	0	0	0	0	0
1903	11	2	0	0	0	0	0	0	0	0	0	0
1903	11	3	0	0	0	0	0	0	0	0	0	0
1903	11	4	0	0	0	0	0	0	0	0	0	0
1903	11	5	0.42	0.26	0.38	0.38	0.54	0.42	0.54	0.49	0.65	0.4
1903	11	6	0	0.12	0	0	0.01	0	0	0	0.05	0
1903	11	7	0	0.04	0	0.05	0	0	0	0	0	0
1903	11	8	0	0	0	0	0	0	0	0	0	0
1903	11	9	0	0	0	0	0	0	0	0	0	0
1903	11	10	0	0	0	0	0	0	0	0	0	0
1903	11	11	0	0	0	0	0	0	0	0	0	0
1903	11	12	0	0	0.09	0.18	0.01	0.02	0.05	0	0	0
1903	11	13	0	0	0	0	0	0	0	0	0	0.1

1903	11	14	0.1	0	0	0	0.03	0	0.08	0	0	0
1903	11	15	0	0	0	0	0	0	0.02	0	0	0
1903	11	16	0.1	0.49	0.22	0.15	0.32	0.3	0.05	0.33	0.07	0.8
1903	11	17	0.32	0.47	0.37	0.56	0.7	0.5	0.38	0.45	0.29	0.6
1903	11	18	0	0.03	0.06	0.09	0.02	0.02	0	0.04	0.05	0
1903	11	19	0	0	0.03	0	0	0	0.03	0	0	0
1903	11	20	0	0	0	0	0	0	0.03	0	0	0
1903	11	21	0	0	0	0	0	0	0	0	0	0
1903	11	22	0.02	0.02	0	0	0	0	0.01	0	0.03	0
1903	11	23	0.01	0.05	0.07	0.05	0.01	0.07	0.19	0.11	0.03	0.2
1903	11	24	0	0	0.2	0.14	0.01	0.06	0.03	0.1	0	0
1903	11	25	0	0	0	0	0	0	0.02	0	0	0
1903	11	26	0	0	0	0	0	0	0.01	0	0	0
1903	11	27	0	0	0	0	0	0	0.01	0	0	0
1903	11	28	0	0	0.02	0	0	0	0.02	0	0	0
1903	11	29	0	0	0	0	0	0	0	0	0.03	0
1903	11	30	0	0	0	0.03	0	0.01	0	0	0.01	0
1903	12	1	0	0	0	0	0	0	0.05	0	0	0
1903	12	2	0.06	0.14	0	0	0	0	0	0	0	0
1903	12	3	0.21	0.1	0.25	0.3	0.34	0.51	0	0.21	0	0
1903	12	4	0	0	0	0	0	0	0	0	0	0
1903	12	5	0	0	0	0	0	0	0.15	0	0.01	0
1903	12	6	0	0	0	0	0	0	0.01	0	0.02	0.1
1903	12	7	0	0	0	0	0	0	0.25	0	0	0
1903	12	8	0	0	0	0	0	0	0.02	0	0	0
1903	12	9	0.77	0.32	0.04	0.2	0	0.07	0.17	0.13	0.09	0.05
1903	12	10	0	0.43	1.86	1.17	0.7	0.64	1.36	0.63	0.72	0.05
1903	12	11	0	0	0	0	0	0	0.09	0	0	0
1903	12	12	0	0	0	0	0	0	0.07	0	0	0
1903	12	13	0.5	0.48	0.53	0.55	0.06	0.45	0.04	0.33	0.05	0.25
1903	12	14	0	0	0	0.04	0.08	0	0	0	0	0
1903	12	15	0	0	0	0	0	0	0.02	0	0	0
1903	12	16	0	0	0	0.02	0	0	0.08	0	0.01	0
1903	12	17	0	0	0	0	0	0	0	0	0.03	0
1903	12	18	0	0	0	0	0	0	0	0	0	0.1
1903	12	19	0	0	0	0	0	0	0	0	0	0
1903	12	20	1.34	0.6	0.33	0.78	0.02	1.02	0.63	0.83	0.05	0.2
1903	12	21	0	0.05	0.08	0.31	0.24	0.15	0.05	0.11	0.3	0
1903	12	22	0	0.03	0	0.03	0	0	0.02	0	0	0
1903	12	23	0	0	0	0	0	0	0.27	0	0	0
1903	12	24	0	0	0	0	0	0	0.64	0	0	0
1903	12	25	0.06	0	0	0	0.01	0	0.01	0	0.02	0
1903	12	26	0.05	0.23	0.1	0	0	0.21	0	0.04	0	0

1903	12	27	0.02	0.03	0.02	0.02	0.04	0.01	0.16	0.04	0.05	0.05
1903	12	28	0	0	0	0	0	0	0.09	0	0	0
1903	12	29	0.08	0.15	0.23	0.07	0	0.11	0.13	0.1	0.02	0
1903	12	30	0	0.01	0.02	0.07	0.1	0.04	0.1	0	0.05	0
1903	12	31	0	0	0	0	0	0	0.05	0	0	0.05
1904	1	1	0	0	0	0	0	0	0.02	0	0.02	0
1904	1	2	0.72	0.59	0.08	0.2	0	0.21	0.03	0.17	0.08	0
1904	1	3	0.05	0.3	0.67	0.2	0.58	0.44	0	0.44	0.1	0
1904	1	4	0	0	0	0	0.01	0	0	0	0	0
1904	1	5	0	0	0	0	0	0	0	0	0	0
1904	1	6	0	0	0	0	0	0	0.05	0	0	0
1904	1	7	0	0	0	0	0	0	0.01	0	0	0.05
1904	1	8	0.2	0.13	0.17	0	0	0.03	0.05	0.02	0	0
1904	1	9	0	0.68	0.47	0.4	0.04	0.21	0.24	0.16	0.05	0
1904	1	10	0	0	0	0	0.03	0	0.08	0	0	0
1904	1	11	0	0	0	0	0	0	0	0	0	0
1904	1	12	0	0.02	0	0	0	0	0	0	0	0
1904	1	13	0.56	0.99	0.28	0.35	0	0.33	0.59	0.28	0.05	0
1904	1	14	0	0.17	0.87	0.63	0.26	0.28	0.93	0.29	0.15	0.38
1904	1	15	0	0	0	0	0	0	0	0	0	0.05
1904	1	16	0.07	0.1	0.24	0.37	0	0.12	0.32	0.13	0.08	0.2
1904	1	17	0	0	0.02	0	0.04	0	0.07	0	0	0
1904	1	18	0	0	0	0	0	0	0	0	0	0
1904	1	19	0	0	0	0	0	0	0	0	0	0
1904	1	20	0	0.06	0	0	0	0.03	0.04	0	0	0
1904	1	21	0	0.18	0	0	0.03	0.03	0	0	0	0
1904	1	22	0.3	0.62	0.44	0.83	0.81	1.01	0.37	0.4	0.28	0.3
1904	1	23	0.15	0.12	0.08	0.2	0.2	0.27	0	0.72	0.16	0.28
1904	1	24	0	0	0	0.09	0.08	0	0.1	0	0	0
1904	1	25	0	0	0.01	0	0	0	0	0	0	0
1904	1	26	0.69	0.26	0.12	0.25	0	0.29	0.46	0.21	0.39	0.55
1904	1	27	0	0.47	0.58	0.6	0.42	0.37	0.15	0.56	0	0
1904	1	28	0.02	0	0	0	0	0	0	0	0	0
1904	1	29	0.2	0.06	0	0	0	0	0	0	0	0.04
1904	1	30	0.01	0.05	0.01	0	0.01	0.07	0.01	0.06	0	0
1904	1	31	0	0	0	0	0	0	0.3	0	0	0
1904	2	1	0	0.03	0.02	0.02	0	0.01	0.08	0	0.3	0.38
1904	2	2	0	0	0	0.14	0.02	0.02	0.03	0	0.05	0.2
1904	2	3	0	0.02	0.14	0	0	0.05	0.06	0.07	0	0.06
1904	2	4	0	0	0	0	0	0	0.03	0	0	0
1904	2	5	0	0	0	0	0	0	0	0	0	0.08
1904	2	6	0.04	0.33	0.2	0.3	0.38	0.32	0.29	0.42	0.2	0.35
1904	2	7	0.03	0.05	0.03	0.12	0	0.09	0.29	0.1	0.05	0.25

1904	2	8	0	0	0	0	0.26	0	0.15	0	0	0
1904	2	9	0	0	0	0	0	0	0	0	0	0
1904	2	10	0	0	0	0	0	0	0	0	0	0
1904	2	11	0	0	0	0	0	0	0	0	0	0
1904	2	12	0	0	0	0	0	0	0	0	0	0
1904	2	13	0	0	0	0.02	0	0	0	0	0	0
1904	2	14	0.1	0	0	0	0	0.09	0.3	0.1	0.03	0.1
1904	2	15	0.04	0.74	0.84	0.4	0.06	0.61	0.18	0.49	0.03	0.4
1904	2	16	0	0	0.01	0	0	0	0.03	0	0	0
1904	2	17	0	0	0	0	0	0	0	0	0	0
1904	2	18	0	0	0	0	0	0	0	0	0	0
1904	2	19	0.24	0.17	0.05	0.1	0.08	0.06	0.03	0.05	0	0.08
1904	2	20	0	0	0	0	0.08	0	0	0	0	0
1904	2	21	0.19	0	0	0	0	0	0.04	0	0	0
1904	2	22	0.97	0.75	0.78	0.84	0	0.34	0.22	0.39	0.04	0.25
1904	2	23	0	0	0	0	0.04	0	0.31	0	0.01	0.1
1904	2	24	0.07	0.23	0.04	0.07	0.12	0.05	0.09	0.07	0.02	0.18
1904	2	25	0	0.02	0.2	0.14	0.08	0	0.08	0	0	0
1904	2	26	0	0	0	0	0	0	0	0	0	0
1904	2	27	0	0.01	0	0	0	0	0	0	0	0
1904	2	28	0.53	0.14	0.04	0.09	0	0.07	0.29	0.1	0.17	0.06
1904	2	29	0	0	0	0	0.04	0	0	0	0	0
1904	3	1	0.27	0.38	0.11	0.25	0.66	0.18	0.9	0.23	0.05	0.1
1904	3	2	0	0.01	0.01	0	0	0	0.04	0	0	0.08
1904	3	3	0.09	0.42	0.48	0.31	0.1	0.3	0.1	0.5	0	0
1904	3	4	0	0.04	0	0	0.18	0	0	0	0	0
1904	3	5	0	0	0	0	0	0	0	0	0	0
1904	3	6	0.01	0	0.01	0	0	0.01	0	0	0	0
1904	3	7	1.48	0.2	0.3	0.2	0	0.39	1.36	0.5	0.37	0.35
1904	3	8	0.01	0.56	0.54	1.67	0.38	0.8	0.11	0.21	0	0
1904	3	9	0	0	0	0	0	0	0	0	0	0
1904	3	10	0	0	0	0	0	0	0	0	0	0
1904	3	11	0.11	0	0	0	0	0	0	0	0	0
1904	3	12	0	0	0	0	0	0	0.01	0	0	0
1904	3	13	0	0	0.01	0	0	0	0.02	0	0.08	0.08
1904	3	14	0.09	0	0	0	0	0	0	0	0	0
1904	3	15	0.06	0.15	0.16	0.1	0.3	0.15	0.04	0.06	0.03	0.05
1904	3	16	0	0.01	0	0.05	0.02	0	0	0	0.08	0.08
1904	3	17	0	0	0	0	0	0	0	0	0	0
1904	3	18	0.43	0.3	0.42	0.4	0.02	0.38	0.22	0.42	0.08	0.2
1904	3	19	0	0	0	0	0.04	0	0.13	0	0	0
1904	3	20	0	0.05	0.18	0.18	0	0.04	0	0.03	0	0
1904	3	21	0.18	0	0	0	0	0	0	0	0	0

1904	3	22	0.14	0.08	0.1	0.17	0	0.02	0.36	0.02	0.08	0.3
1904	3	23	0.04	0.16	0.17	0.38	0.04	0.04	0.01	0.04	0	0
1904	3	24	0	0	0	0	0	0	0	0	0	0
1904	3	25	0	0	0	0	0	0.01	0.09	0	0.1	0.15
1904	3	26	0	0	0	0	0.01	0	0.6	0	0.08	0
1904	3	27	0	0	0	0	0	0	0	0	0	0.04
1904	3	28	0	0	0.02	0	0	0.01	0	0	0.05	0.08
1904	3	29	0	0	0.01	0	0	0	0	0	0	0
1904	3	30	0	0	0	0	0	0	0	0	0	0.05
1904	3	31	0.66	0.07	0	0	0	0	0	0	0	0
1904	4	1	0.55	1.15	0.72	0.43	0.36	0.98	0.88	0.77	0.2	0.2
1904	4	2	0	0	0	0.18	0.49	0.01	0	0	0	0
1904	4	3	0	0	0	0	0	0	0.06	0	0.22	0.2
1904	4	4	0	0	0	0	0	0	0	0	0	0
1904	4	5	0	0	0	0	0	0	0	0	0	0
1904	4	6	0	0	0	0	0	0	0	0	0	0
1904	4	7	0.06	0.13	0.17	0.13	0.04	0.27	0.06	0.33	0.12	0.18
1904	4	8	0.08	0	0	0	0	0	0	0	0	0
1904	4	9	0.34	0.59	0.43	0.43	0.26	0.65	0.55	0.39	0.1	0.08
1904	4	10	0	0.78	0.7	0.81	0.04	0.94	0.03	0.77	0.13	0
1904	4	11	0	0.06	0	0	0	0	0	0	0	0
1904	4	12	0.15	0.3	0.26	0.26	0.04	0.21	0.18	0.32	0.15	0
1904	4	13	0	0	0	0	0.03	0	0.06	0	0	0
1904	4	14	0	0	0	0	0	0	0	0	0.02	0.08
1904	4	15	0	0	0	0	0	0	0	0	0	0
1904	4	16	0.04	0.25	0.8	0.5	0.34	0.56	0	0.56	0.4	0.8
1904	4	17	0	0	0	0	0.04	0	0	0	0	0
1904	4	18	0	0	0	0	0	0	0	0	0	0
1904	4	19	0	0	0	0	0	0.06	0.1	0	0.01	0
1904	4	20	0	0.44	0.38	1.05	0.01	0.53	0.43	0.6	0.38	1
1904	4	21	0	0	0	0	0.1	0.02	0	0.01	0	0
1904	4	22	0	0	0	0	0	0	0	0	0	0
1904	4	23	0	0	0	0	0	0	0	0	0	0
1904	4	24	0	0	0	0	0	0	0.09	0	0	0.05
1904	4	25	0.06	0.05	0.13	0.13	0.14	0.13	0.31	0.11	0.21	0.05
1904	4	26	0.33	0	0	0	0	0	0.02	0	0	0
1904	4	27	1.1	1.15	0.36	0	0.12	0.34	0	0.37	0	0
1904	4	28	0.72	2.97	1.3	0.53	0.61	2.04	0.6	1.69	0.34	0.41
1904	4	29	0	1.09	1.96	1.96	0.15	0.68	0.35	0.89	0.64	0.6
1904	4	30	0.37	0.18	0.3	0.69	0	0.02	0.07	0.05	0.14	0
1904	5	1	0	0	0	0	0.3	0	0	0	0	0
1904	5	2	0	0	0	0	0	0	0	0	0	0
1904	5	3	0	0	0	0	0	0	0	0	0	0

1904	5	4	0	0	0	0	0	0	0	0	0	0
1904	5	5	0	0	0	0	0	0	0	0	0	0
1904	5	6	0	0	0	0	0	0	0	0	0	0
1904	5	7	0	0	0	0	0	0	0	0	0	0
1904	5	8	0	0	0	0	0	0	0	0	0	0
1904	5	9	0	0.91	1.42	0.87	0	0.37	0	0.36	0	0
1904	5	10	0.11	0.12	0.07	0.67	0	0.47	0	0.18	0	0
1904	5	11	0	0.14	0.62	0.77	0.11	0.31	0	0.67	0.38	0
1904	5	12	0	0	0	0	0	0	0	0	0	0
1904	5	13	0	0	0	0	0	0	0	0	0	0
1904	5	14	0	0	0	0	0	0.01	0	0	0	0
1904	5	15	0.47	0	0.14	0.08	0	0.08	0.36	0.27	0.05	0.1
1904	5	16	0	0.27	0.59	0.35	0.51	0.5	0.48	0.98	0.95	1
1904	5	17	0	0	0.03	0.31	0.07	0	0.11	0.01	0	0
1904	5	18	0	0.12	0.44	0.07	0.01	0.11	0.04	0.14	0.02	0.05
1904	5	19	0.06	0.98	1.17	0.75	0.24	1.09	1.02	1.27	0.8	0.7
1904	5	20	0	0.03	0.18	0.05	0.07	0.18	0.18	0.11	0.22	0.2
1904	5	21	0	0	0	0	0.01	0.01	0	0	0	0
1904	5	22	0	0	0	0	0	0	0	0	0.02	0.25
1904	5	23	0	0	0	0	0	0	0.2	0	0	0
1904	5	24	0	0.01	0.03	0.02	0.05	0.03	0	0.04	0	0
1904	5	25	0	0.19	0.04	0.01	0.66	0.48	1.03	0.29	0.26	0.7
1904	5	26	0	0.03	0	0	0.05	0.28	1.26	0	0.26	0.1
1904	5	27	0	0.31	0.02	0	0	0	0.08	0	0	0
1904	5	28	0	0	0	0	0	0	0	0	0	0
1904	5	29	0	0	0	0	0.01	0	0	0	0	0
1904	5	30	0.61	0.24	0	0	0.37	0.1	0	0.12	0.03	0.2
1904	5	31	0.63	0.03	0	0	0	0	0	0	0	0
1904	6	1	0.13	0.25	0	0	0.08	0	0.57	0	0.16	0.2
1904	6	2	0.09	0.1	0.05	0	0	0	0.03	0	0	0
1904	6	3	0	0.16	0.18	0.2	0.04	0.11	0.41	0.09	0.09	0
1904	6	4	0	0	0	0	0	0	0	0	0.02	0
1904	6	5	0.09	0	0.08	0.03	0.18	0.01	0.28	0.01	0	0.1
1904	6	6	0	0	0.3	0.18	0	1.1	0.04	0.97	0.06	0.56
1904	6	7	0.36	0.39	0.35	0.06	0.56	0.23	0.62	0.13	0	0
1904	6	8	0.25	0.02	0.15	0	0.39	0.03	0	0	0.2	0
1904	6	9	0.26	0	0.01	0	2.27	0	0	0	0	0.5
1904	6	10	0	0	0	0	0.35	0	0	0	0	0
1904	6	11	0	0	0	0	0	0	0	0	0	0
1904	6	12	0	0	0	0	0	0	0	0	0	0
1904	6	13	0	0	0	0	0	0	0	0	0	0
1904	6	14	0	0	0	0	0	0	0	0	0	0
1904	6	15	0	0	0	0	0	0	0.18	0	0	0

1904	6	16	0	0.07	0	0	0.01	0	0	0	0	0
1904	6	17	0.36	0	0	0	0	0	0	0	0	0
1904	6	18	0	0	0	0	0	0	0	0	0	0
1904	6	19	0	0	0	0	0	0	0	0	0	0
1904	6	20	0	0	0	0	0	0	0	0	0	0.1
1904	6	21	0.22	0.12	0.23	0	0	0	0	0.04	0.89	0.25
1904	6	22	0.16	0.05	0.22	0.19	0.01	0.03	0.3	0.11	0.58	0.2
1904	6	23	0	0	0	0	0.08	0	0	0	0	0
1904	6	24	0	0	0	0	0	0	0	0	0	0
1904	6	25	0	0.23	0.09	0.1	0	0.31	0.1	0.18	0	0.2
1904	6	26	0.16	0.01	0.02	0	0.06	0	0	0.01	0	0
1904	6	27	0	0	0	0	0	0	0	0	0	0
1904	6	28	0	0	0	0	0	0	0	0	0	0
1904	6	29	0.4	0.43	0.3	0.08	0.1	0.3	0.28	0.38	0.2	0.1
1904	6	30	0.47	0.23	0.47	0.45	0	1.68	0	0.81	0.17	1
1904	7	1	0	0.03	0.14	0.33	1.35	0.89	0.02	0.51	0.16	0.15
1904	7	2	0	0	0.15	0	0.08	0.07	0.59	0.27	1.02	0.7
1904	7	3	0	0	0	0	0.01	0	0	0	0	0
1904	7	4	0	0	0	0	0	0	0	0	0.01	0
1904	7	5	0	0.39	0.51	0.14	0	0.52	0.08	0.08	0.02	0.5
1904	7	6	0.25	0.03	0	0	0	0	0.01	0	0.03	0
1904	7	7	0.33	0	0	0	0	0	0	0	0	0
1904	7	8	0.61	0	0	0	0	0	0	0	0	0
1904	7	9	0	0	0	0	0	0	0	0	0	0
1904	7	10	0.04	0	0	0.09	0.11	0.01	0.13	0.01	0.15	0.3
1904	7	11	0.98	0	0	0	0.14	0	0	0.01	0.65	0
1904	7	12	0.6	0	0	0	0.01	0.53	0.5	0.04	1.08	0.9
1904	7	13	0.07	0.07	0.37	0.44	0.62	0.03	0	0.01	0	0.1
1904	7	14	0	0	0	0	0	0	0	0	0	0
1904	7	15	0	0	0	0	0	0	0.02	0	0.02	0
1904	7	16	0.08	0.11	0	0	0	0	0	0	0	0
1904	7	17	0	0	0	0	0	0	0	0	0	0
1904	7	18	0.41	0	0	0	1	0	0	0	0	0.2
1904	7	19	0	0	0	0	0	0	0	0	0	0
1904	7	20	0	0	0	0	0	0	0	0	0.1	0.1
1904	7	21	0	0	0	0	0	0	0	0	0	0
1904	7	22	0	0	0	0	0	0	0	0	0	0
1904	7	23	0	0.36	0.21	0.08	0.01	0.03	0.08	0.01	0	0.1
1904	7	24	0.39	0.05	0.08	0.02	0	0.09	0	0.03	0.1	0.2
1904	7	25	0.01	0.02	0.09	0.04	0.09	0.27	0	0.2	0	0
1904	7	26	0.23	0	0	0	0.02	0.86	0.09	0.2	0.16	0.3
1904	7	27	0	0.11	0.01	0	0	0.07	0	0.08	0.37	1
1904	7	28	0.94	0	0	0	0	0	0.36	0.04	0.23	0.5

1904	7	29	0.01	0.06	0.07	0.11	0.86	0.05	0.57	0	0.07	0
1904	7	30	0	0	0	0	0	0	0	0	0	0
1904	7	31	0	0	0	0	0	0	0.5	0	0.02	0
1904	8	1	0.91	0.01	0	0.1	0.18	0	0.04	0	0.08	0.25
1904	8	2	0.27	0.59	0.07	0.04	0	0.16	0	0.04	0	0.1
1904	8	3	0	0	0.42	0.05	0.3	0.25	0	0.07	0	0
1904	8	4	0.22	0	0	0	0	0	0	0	0	0
1904	8	5	0.65	0	0	0	0	0	0.12	0	0	0
1904	8	6	0	0.25	0.35	0.33	0	0	0	0.07	0	0
1904	8	7	0	0	0	0	0	0	0	0	0	0
1904	8	8	0.17	0.02	0.06	0.03	0	0.23	0.06	0.06	0.1	0
1904	8	9	0	0	0	0	0	0	0	0	0	0
1904	8	10	1.15	0.26	0.12	0.03	0.03	0.67	0	0.14	0.02	0.25
1904	8	11	0.12	0.17	0.39	0.44	0.62	0.84	0.13	0.57	0.1	0
1904	8	12	0	0	0.01	0.05	0	0.01	0.01	0	0	0
1904	8	13	0	0	0	0	0	0.02	0.13	0.03	0.06	0.05
1904	8	14	0.65	0.06	0	0	0.09	0.04	1	0.06	0.1	0.1
1904	8	15	0	0	0	0	0.22	0	0	0	0	0
1904	8	16	0	0.03	0	0	0	0	0.35	0	0	0
1904	8	17	0	0	0	0.43	0	0	0.52	0	0.22	0
1904	8	18	0	0	0	0	0.08	0.03	0	0	0	0
1904	8	19	0.03	0	0	0	0	0	0	0	0	0.7
1904	8	20	3.63	0.79	1.81	2.91	0.51	1.87	2.21	2.63	1.25	0
1904	8	21	0	0.01	0.4	0	0.2	0.3	0	0.1	0	0
1904	8	22	0.05	0	0	0	0	0	0.61	0	0.5	0.5
1904	8	23	0	0	0.01	0.12	0.49	0.03	0	0.05	0	0
1904	8	24	0	0	0	0	0	0	0	0	0	0
1904	8	25	0	0	0	0	0	0	0.08	0	0.1	0
1904	8	26	0	0	0	0	0.06	0	0	0	0	0
1904	8	27	0	0	0	0	0	0	0	0	0	0
1904	8	28	0	0	0	0	0	0	0	0	0	0
1904	8	29	0	0	0	0	0	0	0	0	0.03	0
1904	8	30	0	0	0	0	0	0	0	0	0	0
1904	8	31	0	0	0	0	0	0	0	0	0	0
1904	9	1	0	0	0	0	0	0	0.08	0.02	0.02	0
1904	9	2	0	0	0	0	0.1	0.11	0.53	0.08	0.98	0.05
1904	9	3	0	0	0	0	0.03	0	1.72	0	0.15	0.3
1904	9	4	0	0.03	0.04	0.61	0.83	0	0	0	1.48	0
1904	9	5	0	0	0	0.01	0	0	0.08	0	0.04	0
1904	9	6	0	0	0	0	0	0	0	0	0	0
1904	9	7	0	0	0	0	0	0	0.01	0	0	0
1904	9	8	0	0.06	0	0	0	0.01	0.02	0.05	0.1	0.05
1904	9	9	0	0.1	0	0	0.32	0.19	0	0.04	0	0.03

1904	9	10	0	0.03	0	0	0.1	0	0	0	0	0
1904	9	11	0	0	0	0	0	0	0	0	0	0
1904	9	12	0	0.73	0	0.17	0	0	0.17	0	0	0
1904	9	13	0.01	0.02	0	0	0	0	0	0	0	0
1904	9	14	1.99	0.09	0.07	0.06	0	0.06	0.86	0.15	0.03	0
1904	9	15	1.85	3.48	2.32	2.87	1.74	2.76	0.05	2.15	0.7	1
1904	9	16	0	0	0	0	0	0	0	0.16	0	0
1904	9	17	0	0	0	0	0	0	0	0	0	0
1904	9	18	0	0	0	0	0	0	0.41	0	0	0
1904	9	19	0	0	0	0.14	0	0	0	0	0.2	0
1904	9	20	0.22	0	0	0.1	0	0	0.15	0	0.6	0.3
1904	9	21	0	0	0.06	0	0.08	0.08	0	0.14	0	0
1904	9	22	0	0	0	0	0	0	0	0	0	0
1904	9	23	0	0	0	0	0	0	0	0	0	0
1904	9	24	0	0	0.24	0.24	0.03	0.12	1.77	0.27	0.5	0.55
1904	9	25	0.06	0.17	0.09	0.11	0.03	0.2	0	0.09	0	0
1904	9	26	0	0.1	0.21	0.06	0	0.25	0.07	0.12	0.25	0.25
1904	9	27	0	0	0.01	0	0.11	0.01	0	0	0	0
1904	9	28	0	0	0	0	0	0	0	0	0	0
1904	9	29	0.18	0.71	0.44	0.48	0	0.82	0.67	1.02	0.77	0.8
1904	9	30	0	0.05	0.01	0.24	0.44	0.07	0.06	0.12	0.02	0.2
1904	10	1	0	0	0	0	0.07	0.07	0	0.1	0.03	0.05
1904	10	2	0.04	0	0	0	0	0.01	0	0	0.04	0
1904	10	3	0	0	0	0	0	0	0.01	0	0	0
1904	10	4	0	0	0	0	0	0	0	0	0	0
1904	10	5	0.01	0	0	0.1	0	0	0.23	0	0.1	0
1904	10	6	0.06	0.27	0.03	0	0.08	0.07	0	0	0	0
1904	10	7	0	0	0	0	0	0	0	0	0	0
1904	10	8	0.17	0	0.09	0.05	0	0	0.02	0.05	0.01	0
1904	10	9	0.14	0.05	0.02	0.05	0	0.03	0	0.06	0.01	0.02
1904	10	10	0	0.02	0	0	0.04	0.16	0.18	0.12	0	0
1904	10	11	0.01	0.08	0.14	0.06	0.14	0.05	0	0.03	0.5	0.55
1904	10	12	1.41	0.84	0	0.05	0.18	0.05	0	0.01	0	0
1904	10	13	0	0.1	0.34	0.38	0.38	0.23	0	0.26	0.2	0
1904	10	14	0	0	0	0	0	0	0.04	0	0	0
1904	10	15	0	0	0	0	0	0	0	0	0	0
1904	10	16	0	0	0	0	0	0	0	0	0	0
1904	10	17	0	0	0	0	0	0	0.01	0	0	0
1904	10	18	0	0	0	0.03	0	0	0.05	0	0	0
1904	10	19	0	0	0	0	0	0	0	0	0	0
1904	10	20	0	0	0.05	0.04	0	0	0	0	0	0
1904	10	21	1.15	0.63	0.27	1.02	0.14	0.83	2.29	0.86	1.9	2
1904	10	22	0	0	0	0	2.08	0.01	0	0.19	0	0

1904	10	23	0	0	0	0	0.01	0	0	0	0	0
1904	10	24	0	0	0	0	0	0	0	0	0	0
1904	10	25	0	0	0	0	0	0	0.24	0	0	0
1904	10	26	0	0.14	0.22	0.24	0.01	0.04	0.13	0.15	0.44	0.25
1904	10	27	0	0	0	0	0.03	0.05	0	0	0	0.07
1904	10	28	0	0	0	0	0	0	0	0	0	0
1904	10	29	0	0	0	0	0	0	0.01	0	0.05	0
1904	10	30	0	0	0	0	0	0	0	0	0	0
1904	10	31	0	0	0	0	0	0	0	0	0	0
1904	11	1	0	0	0	0	0	0	0	0	0.04	0
1904	11	2	0	0	0	0	0	0	0	0	0	0
1904	11	3	0	0	0	0	0	0.05	0.05	0	0	0
1904	11	4	0	0	0	0	0	0	0	0	0	0
1904	11	5	0.12	0	0	0	0	0	0	0	0	0
1904	11	6	0.06	0	0	0	0	0	0	0	0.03	0.2
1904	11	7	0	0	0	0	0	0	0	0	0	0
1904	11	8	0	0	0	0	0	0	0	0	0	0
1904	11	9	0.4	0	0	0	0	0	0	0	0	0
1904	11	10	0.11	0	0	0	0	0	0	0	0	0
1904	11	11	0.14	0	0	0	0	0	0	0	0	0
1904	11	12	0	0	0	0	0	0	0	0	0	0
1904	11	13	1.32	1.18	0.47	0.18	0	0.78	0	0.7	0	0
1904	11	14	0.01	0.38	0.77	1.56	0.64	0.7	0	0.84	0.15	0.5
1904	11	15	0	0	0	0	0	0	0.03	0	0	0
1904	11	16	0	0	0	0	0	0	0	0	0	0
1904	11	17	0	0	0	0	0	0	0	0	0	0
1904	11	18	0	0	0	0	0	0	0	0	0	0
1904	11	19	0	0	0	0	0	0	0	0	0	0
1904	11	20	0	0	0	0	0	0	0.14	0	0	0
1904	11	21	0	0.03	0.15	0.22	0	0.02	0.11	0	0.15	0
1904	11	22	0	0	0	0	0	0	0.06	0	0	0
1904	11	23	0	0.03	0	0	0	0	0	0	0	0
1904	11	24	0	0	0.25	0.35	0	0	0	0	0	0.03
1904	11	25	0	0	0	0	0	0	0.01	0	0	0
1904	11	26	0	0	0	0	0	0	0	0	0	0
1904	11	27	0.02	0	0	0	0	0.03	0.32	0.01	0.1	0.05
1904	11	28	0	0	0.28	0	0	0	0	0	0.05	0
1904	11	29	0.02	0	0.01	0.08	0	0	0.57	0	0	0
1904	11	30	0	0.08	0	0	0	0	0.15	0	0	0
1904	12	1	0	0	0	0	0	0	0.03	0	0.05	0
1904	12	2	0	0	0	0	0	0	0	0	0	0
1904	12	3	0	0	0	0	0	0.02	0	0.01	0	0.04
1904	12	4	0	0	0	0	0.01	0	0.02	0	0	0

1904	12	5	0.31	0.12	0.04	0.11	0	0.1	0.26	0.05	0.03	0.05
1904	12	6	0	0.12	0.06	0	0.09	0.05	0	0.09	0	0
1904	12	7	0	0	0	0	0	0	0.3	0	0.05	0.03
1904	12	8	0.04	0.03	0	0	0	0.01	0	0	0	0
1904	12	9	0	0	0	0	0.04	0	0.02	0	0.03	0
1904	12	10	0.01	0	0	0	0	0	0	0	0	0
1904	12	11	0	0	0	0	0	0	0	0	0	0
1904	12	12	0.24	0	0	0	0	0	0	0	0	0.04
1904	12	13	0.16	0.23	0	0	0.56	0	0	0	0	0
1904	12	14	0	0	0	0	0.02	0	0	0	0	0
1904	12	15	0	0	0	0	0	0	0	0	0	0
1904	12	16	0	0.08	0	0	0	0	0	0	0	0
1904	12	17	0.2	0	0	0	0	0	0	0	0	0.02
1904	12	18	0.14	0.36	0.1	0.07	0.26	0.19	0	0.11	0	0
1904	12	19	0	0	0.01	0.2	0	0.04	0.18	0.08	0.03	0
1904	12	20	0	0	0	0	0	0	0.01	0	0	0
1904	12	21	0	0	0.08	0.05	0.03	0.01	0	0	0.2	0.21
1904	12	22	0	0	0	0	0	0	0.35	0	0.18	0
1904	12	23	0.01	0	0	0.06	0	0	0.53	0	0	0.05
1904	12	24	0.01	0	0	0	0.01	0	0	0	0	0
1904	12	25	0.16	0	0	0	0	0	0	0	0	0
1904	12	26	0.02	0.02	0	0	0.22	0	0	0	0	0.15
1904	12	27	0.62	1.03	1.1	1.12	0.04	1.01	0.62	1.25	0.45	0.3
1904	12	28	0.04	0.53	0.04	0.43	0.48	0.34	0.91	0.21	0.5	0.1
1904	12	29	0	0	0	0	0	0.03	0.03	0	0	0
1904	12	30	0	0	0	0	0.02	0.01	0.09	0	0	0
1904	12	31	0	0	0	0.24	0	0	0.19	0	0.03	0
1905	1	1	0	0	0	0	0	0	0	0	0	0
1905	1	2	0.01	0.13	0.05	0	0	0.05	0.08	0	0	0
1905	1	3	0.2	0.55	0.68	0.4	0.58	1.24	0	0.78	0	0.09
1905	1	4	0.3	0.37	0.94	0.4	0.5	0.33	0	0.31	0	0
1905	1	5	0	0	0	0	0	0	0	0	0	0
1905	1	6	0.27	0.25	0.34	0.05	0.24	0.25	0.67	0.15	0.11	0.04
1905	1	7	0.91	1.29	1.34	2.41	0.36	1.21	0.62	0.96	0.26	0.12
1905	1	8	0	0	0	0	0	0	0.23	0	0	0
1905	1	9	0	0	0	0	0	0	0	0	0	0
1905	1	10	0	0	0	0.05	0	0	0.23	0	0.03	0
1905	1	11	0	0	0	0	0	0.04	0	0	0	0
1905	1	12	0.53	0.47	1.02	0.57	0.24	0.47	0.85	0.64	0.4	0.15
1905	1	13	0	0	0	0	0.36	0	0	0	0	0
1905	1	14	0	0	0	0	0	0	0	0	0	0
1905	1	15	0	0	0	0	0	0	0.05	0	0	0
1905	1	16	0	0	0	0	0	0	0.39	0	0	0

1905	1	17	0	0	0	0	0	0.01	0.13	0	0.04	0.15
1905	1	18	0	0	0.02	0	0	0.01	0.07	0	0.18	0.05
1905	1	19	0	0	0.03	0.02	0	0	0.59	0	0.01	0.01
1905	1	20	0	0	0	0	0	0	0	0	0	0
1905	1	21	0.01	0	0.14	0	0	0.06	0.07	0.03	0.1	0
1905	1	22	0.03	0.11	0.3	0.55	0.02	0.21	0.1	0.28	0.08	0.35
1905	1	23	0	0	0	0	0	0	0	0	0	0
1905	1	24	0.05	0.09	0	0	0	0.03	0	0	0	0
1905	1	25	0.46	0.81	0.2	0.1	0.2	0.17	0	0.06	0	0
1905	1	26	0	0	0.02	0.3	0.16	0	0	0	0	0
1905	1	27	0	0	0	0	0	0	0.33	0	0	0
1905	1	28	0	0.02	0.08	0	0	0.02	0.2	0	0.07	0
1905	1	29	0	0	0	0	0	0	0	0	0	0
1905	1	30	0	0	0	0	0	0	0	0	0	0
1905	1	31	0	0	0	0	0	0	0	0	0	0
1905	2	1	0	0	0	0	0	0	0	0	0	0
1905	2	2	0	0	0	0	0	0	0.14	0	0	0
1905	2	3	0	0	0	0	0	0	0.03	0	0	0
1905	2	4	0	0	0	0	0	0	0	0	0	0
1905	2	5	0.06	0	0	0	0	0	0	0	0	0
1905	2	6	0.75	0.71	0.62	0.3	0.5	0.67	0.76	0.58	0.15	0.18
1905	2	7	0	0	0	0.04	0.04	0	0.15	0	0.05	0.15
1905	2	8	0	0	0	0	0	0	0	0	0	0
1905	2	9	0.39	0.29	0.04	0	0.1	0.19	0.55	0.17	0	0.1
1905	2	10	0	0.11	0.15	0.26	0.04	0.14	0.65	0.2	0.15	0
1905	2	11	0	0	0	0	0	0	0	0.04	0	0.05
1905	2	12	0.72	0.36	0.22	0.02	0	0.6	0.45	0.13	0.05	0.4
1905	2	13	0.01	0.1	0.72	0.68	0.08	0.2	0.45	0.51	0.31	0
1905	2	14	0	0	0	0	0	0	0	0	0	0
1905	2	15	0	0	0	0	0	0	0.05	0	0	0
1905	2	16	0	0	0	0	0	0	0.06	0	0	0
1905	2	17	0	0	0.02	0.02	0	0	0.34	0	0	0
1905	2	18	0	0	0	0	0.04	0	0.12	0	0	0
1905	2	19	0	0	0	0	0	0	0	0	0	0
1905	2	20	0.08	0.02	0	0	0	0	0	0	0	0
1905	2	21	0	0	0	0	0	0	0	0	0	0
1905	2	22	0	0	0.01	0	0	0	0	0	0	0
1905	2	23	0	0	0	0	0	0	0	0	0	0
1905	2	24	0	0	0	0	0	0	0	0	0	0
1905	2	25	0	0	0	0	0	0	0	0	0	0
1905	2	26	0	0	0	0	0	0	0	0	0	0
1905	2	27	0	0	0	0	0	0	0	0	0	0
1905	2	28	0	0	0	0	0	0	0.14	0	0.04	0.12

1905	3	1	0	0	0	0	0	0	0	0	0	0
1905	3	2	0	0	0	0	0	0	0	0	0	0
1905	3	3	0	0	0	0	0	0	0	0	0	0
1905	3	4	0.15	0	0	0.02	0.01	0	0	0	0.09	0.18
1905	3	5	0	0	0	0	0	0	0.08	0	0.02	0.1
1905	3	6	0	0	0	0	0	0	0	0	0.04	0
1905	3	7	0.07	0.07	0.02	0	0	0.01	0	0	0	0.04
1905	3	8	0.29	0.77	0.22	0.1	0.16	0.23	0.18	0.03	0.11	0.11
1905	3	9	0.27	0.24	0	0	0.08	0.07	0	0	0	0
1905	3	10	0.03	0.14	0.2	0.08	0.18	0.14	0	0.04	0	0
1905	3	11	0	0	0	0	0	0	0	0	0	0
1905	3	12	0	0	0	0	0	0	0	0	0	0
1905	3	13	0	0	0	0	0	0	0	0	0	0
1905	3	14	0	0	0	0	0	0	0	0	0	0
1905	3	15	0	0	0	0	0	0	0	0	0	0
1905	3	16	0	0	0	0	0	0	0	0	0	0
1905	3	17	0	0	0	0	0	0	0	0	0	0
1905	3	18	0	0	0	0	0	0	0.44	0	0.05	0
1905	3	19	0.4	0.12	0.04	0.05	0.02	0.03	0.31	0	0	0
1905	3	20	0.07	0.08	0.31	0.1	0.06	0.29	0	0.35	0.12	0.45
1905	3	21	1.27	0.48	0.22	0	0.14	0.54	0	0	0.05	0.33
1905	3	22	0	0.07	0.4	0.05	0.8	0.19	0	0.27	0	0
1905	3	23	0	0	0	0	0	0	0	0	0	0
1905	3	24	0.19	0	0.01	0	0	0.02	0.01	0	0	0
1905	3	25	0.5	0.22	0.44	0.28	0.7	1.51	0.45	1.48	0.45	0.5
1905	3	26	0.05	0	0.01	0	0.04	0	0	0	0	0
1905	3	27	0.19	0	0.1	0.23	0.16	0.37	0.46	0.48	0.35	0.35
1905	3	28	0	0	0	0	0	0	0	0	0.04	0
1905	3	29	0	0	0	0	0	0.04	0	0.02	0	0.1
1905	3	30	0.01	0.06	0	0	0	0.02	0.11	0	0.6	0.26
1905	3	31	0	0	0	0.03	0.08	0	0	0.03	0	0
1905	4	1	0	0	0	0	0	0	0	0	0	0
1905	4	2	0	0	0	0	0	0	0	0	0.1	0
1905	4	3	0	0	0	0	0	0	0	0	0	0
1905	4	4	0.36	0.06	0.01	0	0.1	0.06	0.06	0	0.04	0.1
1905	4	5	1.09	0.44	0.28	0.18	0.08	0.36	0.12	0.3	0.09	0
1905	4	6	0.25	0.38	0.77	1.3	0.42	0.54	0.37	0.74	0.53	0.65
1905	4	7	0	0	0	0	0.12	0	0.06	0	0.07	0
1905	4	8	0	0	0	0	0	0	0	0	0.02	0
1905	4	9	0	0	0	0	0	0	0.01	0	0	0
1905	4	10	0	0	0.04	0.09	0	0.11	0	0	0.02	0.12
1905	4	11	0.11	0.68	0.01	0	0.2	0.3	0.08	0.3	0.36	0.4
1905	4	12	0.07	0	0	0	0.48	0.02	0.12	0.27	0	0.1

1905	4	13	0	0	0	0	0	0	0	0	0	0
1905	4	14	0.14	0	0	0	0	0	0	0	0	0
1905	4	15	0	0.02	0.08	0.04	0.4	0.02	0	0	0	0
1905	4	16	0	0	0	0.12	0	0	0.01	0	0.02	0
1905	4	17	0	0	0	0	0	0	0.01	0	0.02	0
1905	4	18	0	0	0	0	0	0	0	0	0	0
1905	4	19	0	0	0	0	0	0	0	0	0	0
1905	4	20	0.06	0.01	0.01	0.02	0	0.04	0.01	0	0	0
1905	4	21	0.2	0.51	0.22	0.32	0.06	0.1	0.23	0.23	0.7	1
1905	4	22	0	0.03	0	0	0.05	0	0	0	0.04	0
1905	4	23	0	0	0	0	0	0	0	0	0.1	0
1905	4	24	0	0	0	0	0	0	0.19	0	0	0
1905	4	25	0	0	0	0	0	0	0	0	0	0
1905	4	26	0	0	0	0	0	0	0	0	0	0
1905	4	27	0.1	0	0	0	0	0	0	0	0	0
1905	4	28	0	0	0	0	0	0	0	0	0	0
1905	4	29	0.01	0.01	0.01	0	0	0.11	0.04	0	0	0.3
1905	4	30	0	0	0	0.03	0.21	0	0.03	0	0.04	0
1905	5	1	0	0	0	0	0	0	0	0	0.02	0
1905	5	2	0	0	0	0	0	0.01	0	0	0	0
1905	5	3	0	0	0.07	0.04	0.01	0.34	0.68	0	0.46	0.35
1905	5	4	0	0	0.05	0.24	0.03	0.1	0.01	0.33	0	0
1905	5	5	0	0	0.02	0.05	0	0.12	0.15	0	0.12	0
1905	5	6	0	0	0.07	0	0.16	0.03	0.09	0	0	0.2
1905	5	7	0	0.08	0.01	0.1	0.11	0.01	0.02	0	0	0
1905	5	8	0	0	0	0	0	0	0	0	0	0.1
1905	5	9	0	0.08	0.33	0.39	0.07	0.12	0.22	0	0.2	0
1905	5	10	0	0	0	0	0	0	0	0	0	0
1905	5	11	0	0	0	0	0	0	0	0	0	0
1905	5	12	0.12	0.01	0	0	0.06	0	0	0	0	0
1905	5	13	0.21	0	0	0	0.01	0.01	0	0	0.08	0.08
1905	5	14	0.22	0.07	0.01	0.02	0	0.03	0	0	0.02	0
1905	5	15	0	0.05	0.98	0.09	0.24	1.13	0.26	0.76	0.54	0.2
1905	5	16	0	0.12	0.39	0.67	0.01	0.38	0	0	0	0.05
1905	5	17	0	0	0.05	0.21	0.01	0	0.16	0.3	0.04	0
1905	5	18	0.13	0.91	0.33	0.05	0	0.08	0.51	0.2	0.19	0
1905	5	19	0	0	0	0.06	0.04	0.02	0.03	0.14	0	0
1905	5	20	0	0	0	0	0.03	0	0.05	0	0.01	0
1905	5	21	0	0	0	0	0	0	0	0	0	0
1905	5	22	0	0	0	0	0	0	0	0	0	0
1905	5	23	0	0	0	0	0	0	0	0	0	0
1905	5	24	0	0	0	0	0	0	0	0	0	0
1905	5	25	0	0	0	0	0	0	0	0	0	0

1905	5	26	0	0	0	0	0	0	0.27	0	0.65	0.6
1905	5	27	0	0.01	0.02	0	0.18	0	0	0	0	0
1905	5	28	0	0	0	0	0	0	0	0	0	0
1905	5	29	0	0	0	0	0	0.02	0	0	0	0.3
1905	5	30	0	0.14	0.25	0.25	0	0.05	0	0	0.25	0
1905	5	31	0.04	0	0	0	0	0	0	0	0	0
1905	6	1	0.15	0	0	0	0	0	0	0	0	0
1905	6	2	0.21	0.02	0.14	0.07	0	0.07	0.36	0	0.24	0.25
1905	6	3	0	0	0.07	0.39	0.01	0.11	0.01	0	0	0
1905	6	4	0	0	0	0.02	0	0	0.01	0	0	0
1905	6	5	0	0	0	0	0	0	0.05	0	0	0
1905	6	6	0.47	0.36	0.67	0.93	0.31	0.11	0.1	0.3	0.7	0.8
1905	6	7	0.31	0.37	0.01	0	0.1	0.21	0.17	0	0.33	0.5
1905	6	8	0	0.15	0.12	0.08	0.29	0.15	0.02	0	0	0
1905	6	9	0	0	0	0	0	0	0	0	0	0
1905	6	10	0	0	0	0	0	0	0	0	0	0
1905	6	11	0	0.04	0.06	0.06	0.01	0.02	1.17	0	0.53	0.75
1905	6	12	1.14	0.9	0.29	0.07	0.05	0.09	0	0	0.05	0.05
1905	6	13	0	0.03	0.11	0.36	0	0	0	0	0.13	0.4
1905	6	14	0	0	0	0	0	0	0	0	0	0
1905	6	15	0	0	0	0	0	0	0	0	0	0
1905	6	16	0	0	0	0	0	0	0	0	0	0
1905	6	17	0	0.04	0.03	0	0	0.39	0.09	0.5	0.27	0.4
1905	6	18	0	0.07	0.13	1.33	0	0	0.1	0	0.85	0.95
1905	6	19	0	0.96	0	0	0.18	0.85	0.18	0	0.4	0.1
1905	6	20	0.12	0	0.16	0.05	0.01	0.04	0.1	0	0	0.4
1905	6	21	0.17	0.76	0.11	0.04	0.36	1.14	0	1.24	0.11	0.1
1905	6	22	1.18	0.47	0.14	0.15	1.27	0.04	0	0.3	0	0
1905	6	23	0	0.02	0	0	0.37	0	0	0	0	0
1905	6	24	0.02	0	0	0	0	0	0	0	0	0
1905	6	25	0	0	0	0.01	0	0	0	0	0.06	0
1905	6	26	0	0.85	0.95	1.18	0.35	0.58	0.74	0.83	0	1.2
1905	6	27	0	0.19	0.09	0.09	0.08	0.01	0.08	0.1	0.13	0.1
1905	6	28	0	0	0	0	0.18	0	0	0	0	0.05
1905	6	29	0	0	0	0	0.01	0	0	0	0	0
1905	6	30	0	0	0	0	0	0	0	0	0	0
1905	7	1	0.09	0	0	0	0	0	0.04	0	0.52	0.1
1905	7	2	0.22	0.11	0.24	0.48	0.1	0.1	0.05	0	1.04	0
1905	7	3	0	0.11	0	0.03	0.03	0.01	0	0.43	0	0
1905	7	4	0	0	0	0	0	0	0	0	0	0
1905	7	5	0	0	0	0	0	0	0.18	0	0	0
1905	7	6	0	0	0	0	0	0	0	0	0	0
1905	7	7	0	0	0	0	0	0	0.03	0	0	0

1905	7	8	0.12	0	0	0	0	0	0.06	0	0	0
1905	7	9	0.31	0	0	0.3	0	0.01	0.07	0.22	0.25	0.1
1905	7	10	0.44	0	0	0.03	0.03	0.16	0	0	0	0
1905	7	11	0.06	0	0.01	0	0.65	0	0.01	0.29	0	0
1905	7	12	0	0	0.01	0.04	0	0	0.06	0.1	0	0
1905	7	13	0.07	0	0	0	0.02	0	0.03	0	0.01	0.5
1905	7	14	0	0.55	0.01	0.02	0.03	0.07	0.08	0	0	0
1905	7	15	0	0	0	0.12	0.01	0	0.08	0	0	0
1905	7	16	0	0	0.05	0	0	0.04	0.26	0	0.75	0
1905	7	17	0	0	0.2	0.48	0	0.68	0.51	0.3	0	0.25
1905	7	18	0	0	0	0	0	0	0	0.21	0.15	0.1
1905	7	19	0	0.02	0.07	0.29	0	0	0.02	0.05	0.99	0.5
1905	7	20	0	0	0	0	0.23	0.01	0.12	0	0.05	0.2
1905	7	21	0	0	0	0	0	0	0	0	0	0
1905	7	22	0	0	0	0	0	0	0	0	0	0
1905	7	23	0.35	0	0	0	0	0	0	0	0	0
1905	7	24	0.14	0	0.09	0.04	0	0.01	0.27	0.09	0.22	0.32
1905	7	25	0	0	0	0.04	0.75	0	0	0	0.17	0.09
1905	7	26	0.01	0	0.13	0.01	0	0	0	0.03	0.09	0.3
1905	7	27	0	0	0.04	0	0	0	0.16	0	0.09	0.1
1905	7	28	0	0	0	0	0	0	0	0	0	0
1905	7	29	0.01	0	0	0	0	0.08	0	0	0.02	0
1905	7	30	1.12	0.17	1.52	0.42	0.13	0.63	1	1.17	2.1	1.2
1905	7	31	0.11	0.04	1.28	2.22	0.02	0.22	0.98	1.44	1.22	0.3
1905	8	1	0	0.09	0.04	0.12	0.02	0.04	0	0.07	0	0
1905	8	2	0	0.07	0	0.06	0	0.06	0	0	0	0
1905	8	3	0	0	0	0	0	0	0	0	0	0
1905	8	4	0	0	0	0	0	0	0	0	0	0
1905	8	5	0	0	0	0	0	0	0.04	0.21	0	0
1905	8	6	0	0	0.03	0	0	0.21	0.21	0.08	0.45	0.04
1905	8	7	0	0	0.01	0.33	0.64	0.01	0	0	0	0
1905	8	8	0.41	0	0	0	0	0.01	0.02	0	0.11	0.3
1905	8	9	0.06	0.13	0	0	0.1	0	0.2	0	0	0
1905	8	10	0.1	0	0	0	0	0	0	0	0	0
1905	8	11	0	0.01	0.04	0	0	0.39	0	0.05	0	0.25
1905	8	12	0.14	1.53	0.13	0.03	0.85	0.06	0.68	0.27	0.12	0.3
1905	8	13	1.15	0	0.14	0.25	0	0.04	0	0.45	0	0
1905	8	14	0	0	0	0	0	0	0	0	0	0
1905	8	15	1.24	0.46	0.41	0.16	0.05	0.3	0.62	0.39	0.5	0.1
1905	8	16	0.18	0.22	0.98	0.92	0.85	0.74	0	0.81	0.8	0.8
1905	8	17	0	0	0	0	0.11	0	0	0	0	0
1905	8	18	0	0	0	0	0	0	0	0	0	0
1905	8	19	0	0	0	0	0	0	0	0	0	0

1905	8	20	0	0	0	0	0	0	0.07	0	0	0.1
1905	8	21	0	0	0	0	0	0	0	0	0	0
1905	8	22	0	0.13	0.23	0	0	0	0.02	0	0	0
1905	8	23	0	0	0	0	0.01	0	0	0	0	0
1905	8	24	0.34	0	0	0.02	0	0	0	0	0	0
1905	8	25	0.91	0.2	0	0	0.03	0	0	0	0	0
1905	8	26	0	0	0	0	0	0.01	0.04	0	0	0.25
1905	8	27	0	0.04	0	0.02	0.19	0.23	0	0.72	0	0.2
1905	8	28	0	0	0	0	0	0	0	0	0	0.1
1905	8	29	0.12	0.09	0	0	0.14	0.01	0	0	0.3	0
1905	8	30	0.16	0.32	0.54	0.07	0.1	0.14	0.31	0.1	0.5	0.4
1905	8	31	0	0.1	0.23	0.05	0.74	0.34	0	0.57	1.2	0.5
1905	9	1	0	0	0	0	0	0	0.01	0.03	0	0
1905	9	2	0.12	0.07	0.06	0	0	0.36	0	0	0	0
1905	9	3	2.47	2.88	2.33	0.56	0.52	2.22	0.96	2.76	0.85	1.9
1905	9	4	0.75	1.73	0.44	0.1	0.04	0.29	0.99	0.78	0.35	0.5
1905	9	5	0	0	0	0.32	0.77	0.14	0	0	0.1	0.2
1905	9	6	0	0.01	0.03	0.19	0.02	0.05	0.1	0.05	0.7	0.5
1905	9	7	0	0.02	0	0	0.07	0	0.02	0	0	0
1905	9	8	0	0	0	0	0	0	0	0	0	0
1905	9	9	0	0	0	0	0	0	0	0	0	0
1905	9	10	0	0	0	0	0	0	0	0	0	0
1905	9	11	1.73	0	0	0	0	0.03	0	0	0	0.25
1905	9	12	0.01	0.17	1.1	0.26	0.62	1.08	0	1.31	0.06	0.1
1905	9	13	0	0	0.02	0.48	0.06	0	0.07	0	0.03	0.05
1905	9	14	0	0	0	0	0.01	0	0	0	0	0
1905	9	15	0	0	0	0	0	0	0	0	0	0
1905	9	16	0	0	0.04	0.09	0.04	0.12	0.05	0.09	0.21	0.2
1905	9	17	0.05	0.01	0	0	0.05	0.09	0.11	0.02	0	0.05
1905	9	18	0.47	0.02	1.3	1.44	0.32	1.83	0.85	2.11	1.47	1.05
1905	9	19	0	0.19	0.01	0.63	0.19	0.01	0.01	0.02	0	0
1905	9	20	0.24	0	0.01	0	0	0.01	0.28	0.08	0.5	0.6
1905	9	21	0	0	0.01	0	0.66	0	0	0	0	0
1905	9	22	0	0	0	0	0	0	0.01	0	0.02	0
1905	9	23	0	0	0	0	0	0	0.02	0	0	0
1905	9	24	0	0	0	0	0	0	0.09	0	0.03	0
1905	9	25	0	0	0	0.02	0	0.01	0	0	0	0.1
1905	9	26	0	0	0	0	0	0	0	0	0	0
1905	9	27	0	0	0	0	0	0	0	0	0	0
1905	9	28	0	0	0	0	0	0	0	0	0	0
1905	9	29	0	0	0	0	0	0	0	0	0	0
1905	9	30	0	0	0	0	0	0	0	0	0	0
1905	10	1	0	0	0	0	0	0	0	0	0	0

1905	10	2	0	0	0	0	0	0	0.71	0	0	0.25
1905	10	3	0.16	0.05	0.01	0.04	0.59	0.05	0.02	0.1	0.42	0
1905	10	4	0	0	0	0	0	0	0	0	0	0
1905	10	5	0	0	0	0	0	0	0	0	0	0
1905	10	6	0	0	0	0	0	0	0	0	0	0
1905	10	7	0	0	0	0	0	0	0	0	0	0
1905	10	8	0	0	0	0	0	0	0	0	0	0
1905	10	9	0	0	0	0	0	0	0	0	0	0
1905	10	10	0	0	0	0	0	0	0	0	0	0
1905	10	11	0.94	0	0	0	0	0.01	0.6	0	1.35	0
1905	10	12	0	0.13	0.59	0.46	1.19	0.62	0.29	0.69	0	1.25
1905	10	13	0	0	0	0	0.05	0	0	0.01	0.04	0
1905	10	14	0	0	0	0	0	0	0	0	0	0
1905	10	15	0	0	0	0	0	0	0	0	0	0
1905	10	16	0	0	0	0	0	0	0	0	0	0
1905	10	17	0	0	0	0	0	0	0	0	0	0
1905	10	18	0.03	0	0	0	0	0	0.62	0	0	0.4
1905	10	19	1.07	0.09	0.05	0.05	0.14	0.05	0.06	0.28	0.05	0
1905	10	20	1.26	0.55	0.3	0.23	0.21	0.38	0.4	0.39	0.35	0.3
1905	10	21	0	0	0	0	0.14	0	0.03	0	0	0
1905	10	22	0	0	0	0	0	0	0	0	0	0
1905	10	23	0	0	0	0	0.05	0	0	0	0	0
1905	10	24	0.01	0	0	0	0	0	0.02	0	0.03	0.3
1905	10	25	0.08	0	0	0	0	0	0	0	0.06	0
1905	10	26	0	0	0	0	0	0	0	0	0	0
1905	10	27	0	0	0	0	0	0	0.02	0	0	0
1905	10	28	0	0	0	0	0	0	0	0	0	0
1905	10	29	0	0	0	0	0.01	0	0	0	0.05	0
1905	10	30	0	0	0	0	0	0	0	0	0	0
1905	10	31	0	0	0	0	0	0	0.49	0	0.3	0.05
1905	11	1	0	0	0	0.37	0	0.01	0.11	0.01	0	0.3
1905	11	2	0	0	0	0	0	0	0	0	0	0
1905	11	3	0.02	0	0	0	0	0.05	0.03	0	0	0
1905	11	4	0	0.48	0.77	0.95	0.13	0.73	0.14	1.01	0.15	0.2
1905	11	5	0	0	0	0	0	0	0	0	0	0
1905	11	6	0.06	0.15	0.96	0.72	0.18	0.74	1	0.74	0.65	0.6
1905	11	7	0	0	0.08	0.05	0.16	0.04	0.05	0.02	0	0
1905	11	8	0	0	1.15	0.34	0	0.03	0.29	0.15	0.12	0.1
1905	11	9	0	0	0	0	0.06	0	0.63	0	0	0
1905	11	10	0	0	0	0	0	0	0	0	0	0
1905	11	11	0	0	0	0	0	0	0.02	0	0	0
1905	11	12	0	0	0	0	0	0	0	0	0	0
1905	11	13	0	0	0.01	0.02	0	0	0	0	0.17	0.4

1905	11	14	0	0	0	0	0.01	0	0	0	0	0
1905	11	15	0.02	0.04	0.21	0.43	0	0.01	0.13	0	0	0.1
1905	11	16	0	0	0.17	0.03	0	0	0.06	0.03	0.01	0
1905	11	17	0	0	0	0	0.03	0	0	0	0	0
1905	11	18	0	0	0	0	0.01	0	0	0	0.05	0
1905	11	19	0	0	0	0	0	0	0	0	0	0
1905	11	20	0	0	0	0	0	0	0	0	0	0
1905	11	21	0	0	0	0	0	0	0	0	0	0
1905	11	22	0	0	0	0	0	0	0	0	0	0
1905	11	23	0	0	0	0	0	0	0	0	0	0
1905	11	24	0	0.02	0	0	0	0	0	0	0	0.06
1905	11	25	0	0	0	0	0	0	0	0	0	0.05
1905	11	26	0	0	0.21	0.21	0	0.12	0.12	0	0.02	0
1905	11	27	0	0	0.02	0	0.02	0	0.05	0.17	0	0
1905	11	28	0.56	0.03	0.05	0.28	0	0.01	0.13	0	0.05	0
1905	11	29	1.01	1.05	0.82	0.55	0.47	0.59	0.69	0.48	0.16	0.25
1905	11	30	0	0	0	0	0.42	0	0	0	0	0
1905	12	1	0	0	0	0	0	0	0	0	0	0
1905	12	2	0.05	0	0.06	0	0	0.08	0.16	0.06	0.02	0.1
1905	12	3	0.66	0.9	1.85	1.54	0.5	2.27	0.65	1.63	0.29	0.5
1905	12	4	0	0.02	0.02	0	0.28	0.07	0.39	0.08	0.18	0.2
1905	12	5	0	0	0	0	0	0	0	0	0	0
1905	12	6	0	0	0	0	0	0	0.07	0	0	0
1905	12	7	0	0	0	0	0	0	0.08	0	0	0
1905	12	8	0	0	0	0	0	0	0	0	0	0
1905	12	9	0.16	0.07	0	0	0	0	0	0	0	0.08
1905	12	10	0.18	0.83	0.9	0	0.12	0.54	0.2	0.37	0.12	0.12
1905	12	11	0	0	0.07	0	0.01	0.03	0.22	0.03	0.15	0.1
1905	12	12	0	0	0.15	0.21	0	0.03	0.25	0.13	0.21	0.21
1905	12	13	0	0	0.02	0	0	0.02	0.02	0	0	0
1905	12	14	0	0	0	0	0	0	0.03	0	0	0
1905	12	15	0	0	0	0	0	0	0	0	0	0
1905	12	16	0	0	0	0	0	0	0.01	0	0	0
1905	12	17	0	0	0	0	0	0	0	0	0	0
1905	12	18	0	0	0	0	0	0	0	0	0	0
1905	12	19	0	0	0	0	0	0	0	0	0	0
1905	12	20	0	0	0	0	0	0	0	0	0	0
1905	12	21	1.4	0.85	1.32	0.7	0.12	0.6	0.7	0.59	0.16	0.25
1905	12	22	0	0	0	0.1	0.14	0	0.02	0.03	0	0
1905	12	23	0.13	0.16	0.07	0.06	0.04	0.09	0.06	0.08	0.03	0
1905	12	24	0	0.01	0	0	0.01	0	0.03	0	0.18	0.2
1905	12	25	0	0	0	0	0	0	0.13	0	0.03	0
1905	12	26	0	0	0	0	0	0	0	0	0	0

1905	12	27	0	0	0	0	0	0	0	0	0	0
1905	12	28	0	0	0	0	0	0.78	0	0	0	0
1905	12	29	0.79	0.39	0.98	0.51	0.14	0	0.73	0.73	0.02	0.3
1905	12	30	0	0	0	0	0	0	0.08	0.13	0	0
1905	12	31	0	0	0	0	0	0	0	0	0	0
1906	1	1	0	0.02	0.03	0.02	0.01	0	0.07	0	0.02	0
1906	1	2	0	0	0	0	0	0	0	0	0	0.05
1906	1	3	0.85	0.27	0.08	0	0	0.32	0.03	0	0.12	0
1906	1	4	0.79	0.62	0.65	0.75	0.24	0.62	1.04	1.02	0.08	0.15
1906	1	5	0	0	0	0	0.14	0	0	0	0	0.05
1906	1	6	0	0.02	0	0	0	0	0.28	0	0	0.05
1906	1	7	0	0	0	0	0	0	0.04	0	0	0
1906	1	8	0.14	0	0	0	0	0	0	0	0	0
1906	1	9	0	0.05	0	0	0.01	0	0.03	0	0.05	0
1906	1	10	0	0	0	0	0	0	0	0	0	0
1906	1	11	0	0	0	0	0	0	0	0	0	0
1906	1	12	0.12	0.07	0.22	0.26	0.07	0.19	0.2	0.27	0.02	0.65
1906	1	13	0	0	0	0	0.12	0	0	0	0	0
1906	1	14	0.48	0.19	0	0	0	0	0	0	0	0
1906	1	15	0.02	0	0	0	0	0	0	0	0	0
1906	1	16	0.1	1.05	1.44	1.19	0.03	0.28	0	0.54	0	0
1906	1	17	0	0	0	0	0	0	0	0	0	0.06
1906	1	18	0.03	0.07	0.16	0.2	0.01	0.09	0.35	0.22	0.05	0.1
1906	1	19	0	0	0	0	0	0	0	0	0	0
1906	1	20	0	0	0.19	0.23	0.04	0.08	0.22	0.15	0.28	0.2
1906	1	21	0	0	0	0	0.04	0	0.1	0	0	0
1906	1	22	0	0	0	0	0	0	0	0	0	0
1906	1	23	0.1	0.06	0	0.3	0	0.15	0.21	0.02	0.1	0.2
1906	1	24	0.06	0.4	0.1	0	0.24	0	0.07	0.05	0.23	0.25
1906	1	25	0	0	0	0	0	0	0	0	0	0
1906	1	26	0	0	0	0	0	0	0	0	0	0
1906	1	27	0	0	0	0	0	0	0	0	0	0
1906	1	28	0	0.14	0	0	0	0	0	0	0	0
1906	1	29	0	0	0	0	0	0	0	0	0	0
1906	1	30	0	0	0	0	0	0	0	0	0	0
1906	1	31	0	0	0	0	0	0	0.15	0	0.05	0.1
1906	2	1	0	0	0	0	0.02	0	0.23	0	0	0.03
1906	2	2	0	0	0	0	0	0	0	0	0	0
1906	2	3	0	0	0	0	0	0	0	0	0	0
1906	2	4	0	0	0	0	0	0	0.17	0	0	0
1906	2	5	0	0.04	0	0.07	0.02	0	0.25	0.15	0.28	0.25
1906	2	6	0	0	0	0	0.16	0	0	0	0	0
1906	2	7	0	0	0	0	0	0	0	0	0	0

1906	2	8	0.07	0	0	0	0	0	0	0	0	0
1906	2	9	0.88	1.02	0.76	0.69	0.72	0.5	0.27	0.86	0.97	1.05
1906	2	10	0	0	0	0	0.65	0	0.05	0	0.01	0
1906	2	11	0	0	0	0	0	0	0	0	0	0
1906	2	12	0	0	0	0	0	0	0	0	0	0
1906	2	13	0	0.13	0	0	0	0	0	0	0	0
1906	2	14	0.11	0.13	0.12	0.4	0	0.04	0.6	0	0.24	0.4
1906	2	15	0	0.21	0.49	0.3	0.06	0.21	0.11	0.45	0.19	0
1906	2	16	0	0	0	0	0.01	0	0	0	0	0
1906	2	17	0	0	0	0	0	0	0	0	0	0
1906	2	18	0	0	0	0	0	0	0.1	0	0	0.05
1906	2	19	0	0	0	0	0	0	0	0	0.05	0.1
1906	2	20	0	0	0	0	0	0	0	0	0	0.05
1906	2	21	0.75	0.66	0.3	0.07	0	0.23	0.06	0.05	0	0.03
1906	2	22	0	0.05	0.01	0	0.25	0	0	0.15	0	0
1906	2	23	0	0	0	0	0	0	0	0	0	0
1906	2	24	0	0	0	0	0	0	0	0	0	0.05
1906	2	25	0.66	0	0	0	0	0.25	0.34	0	0.21	0
1906	2	26	0	0.42	0.32	0.45	0.22	0.11	0.12	0.53	0.07	0.3
1906	2	27	0	0	0	0	0	0	0	0	0	0
1906	2	28	0	0	0	0	0	0	0	0	0	0
1906	3	1	0	0	0	0	0	0	0	0	0	0
1906	3	2	0	0	0	0	0	0	0	0	0	0
1906	3	3	2.25	1.01	0.3	0.02	0	0.18	0.59	0.32	0.18	0.25
1906	3	4	0.39	0.96	0.36	1.41	0.56	0.12	0.33	0.89	0.32	0.3
1906	3	5	0	0	0	0	0	0	0.03	0	0.02	0
1906	3	6	0	0	0	0	0	0	0	0	0	0
1906	3	7	0	0.02	0	0	0	0	0	0	0	0
1906	3	8	0	0.02	0	0	0	0	0	0	0	0
1906	3	9	0	0.7	1.18	0.75	0	0.02	0.08	0	0	0
1906	3	10	0	0	0.05	0.5	0	0	0	0	0	0
1906	3	11	0.01	0	0	0	0	0	0	0	0	0
1906	3	12	0	0.22	0.06	0.02	0.17	0.08	0	0.06	0.09	0.12
1906	3	13	0	0	0	0	0	0	0	0	0	0
1906	3	14	0.04	0	0	0	0	0	0	0	0	0
1906	3	15	1.09	0.8	1.02	0.2	0	0.35	0	0.25	0.1	0.2
1906	3	16	0	0	0.28	0.5	0.55	0	0	0.32	0.04	0.05
1906	3	17	0	0	0	0	0	0	0.21	0	0	0
1906	3	18	0	0	0	0	0	0	0	0	0	0
1906	3	19	1.08	0.95	0.56	0.3	0	0.3	0.13	0.14	0.15	0.15
1906	3	20	0	0.29	0.72	0.7	0.84	0.52	0.64	0.78	0.45	0.45
1906	3	21	0	0	0	0	0	0	0.01	0	0	0
1906	3	22	0	0	0.02	0.05	0.02	0	0	0.08	0	0

1906	3	23	0	0	0	0	0	0	0	0	0	0
1906	3	24	0	0	0	0	0	0	0	0	0	0
1906	3	25	0	0	0	0	0	0	0	0	0	0
1906	3	26	0	0	0.01	0	0	0	0.05	0	0	0
1906	3	27	0.08	0.07	0.04	0.05	0	0.02	1.03	0.01	0	0
1906	3	28	0	0	0.07	0.11	0.05	0	0.02	0	0	0
1906	3	29	0	0	0	0	0	0	0	0	0	0
1906	3	30	0.01	0.3	0.21	0.07	0.01	0.35	0	0.23	0.4	0.3
1906	3	31	0.06	0.11	0.07	0.18	0.34	0.17	0	0.12	0	0
1906	4	1	0	0	0	0	0	0	0	0	0	0
1906	4	2	0	0	0	0	0	0	0	0	0	0
1906	4	3	0	0	0	0	0	0	0	0	0	0
1906	4	4	0	0	0	0	0	0.06	0.09	0	0	0
1906	4	5	0.02	0	0	0	0	0	0	0.02	0	0
1906	4	6	0.01	0.29	0.14	0.11	0.2	0.16	0.08	0.17	0.12	0.12
1906	4	7	0.04	0	0	0	0	0	0	0	0	0
1906	4	8	0	0	0	0	0	0	0	0	0	0
1906	4	9	2.25	0.17	0	0	0	0.17	0.1	0	0.07	0
1906	4	10	0.47	0.89	2.3	0.87	0.67	0.61	0.72	1.65	0.07	0.3
1906	4	11	0	0.03	0	0.18	0.09	0.07	0	0	0	0
1906	4	12	0	0	0	0	0	0	0.02	0	0.01	0
1906	4	13	0	0	0	0	0	0	0	0	0	0
1906	4	14	0	0	0	0	0	0	0.02	0	0.24	0
1906	4	15	1.82	0.43	0.35	0.93	0.5	0.32	0.19	0.81	0.02	0.25
1906	4	16	0	0	0	0	0.51	0	0	0	0	0
1906	4	17	0	0	0	0	0	0	0	0	0	0
1906	4	18	0	0	0	0	0	0	0	0	0	0
1906	4	19	0	0	0	0	0	0	0	0	0	0
1906	4	20	0	0	0.02	0.02	0	0	0	0	0	0
1906	4	21	0.01	0.02	0	0	0	0	0.06	0	0.67	0
1906	4	22	0	0	0.01	0.03	0.06	0	0	0	0	0
1906	4	23	1.11	0.15	0.02	0	0	0.01	0	0.02	0	0
1906	4	24	0	0	0.53	1.4	0	0	0	0	0	0
1906	4	25	0	0	0.16	0	0	0	0.21	0	0.04	0
1906	4	26	0	0	0	0	0	0	0.11	0	0.01	0.28
1906	4	27	0	0	0	0.02	0	0	0.12	0	0	0
1906	4	28	0	0	0	0	0	0	0	0	0	0
1906	4	29	0	0	0	0	0	0	0	0	0	0
1906	4	30	0.17	0.17	0	0.18	0	0.04	0.2	0.08	0.04	0
1906	5	1	0	0.12	0	0.05	0.07	0	0.2	0	0	0
1906	5	2	0.01	0	0.29	0	0	0.41	0.07	0.22	0.16	0
1906	5	3	0	0	0.01	0.12	0.49	0	0.12	0.17	0.28	0
1906	5	4	0	0	0	0	0	0	0.05	0	0.06	0

1906	5	5	0.55	0.09	0.03	0.12	0	0.03	0	0.05	0.02	0.15
1906	5	6	0.01	0.22	0.37	0.15	0	0.13	0	0.05	0	0
1906	5	7	0.21	0.44	0.18	0.13	0.05	0.14	0	0.04	0	0
1906	5	8	0	0	0	0	0	0	0.01	0	0	0
1906	5	9	0.24	0.15	0.13	0	0.08	0.27	0.31	0.57	0.31	0.1
1906	5	10	0	0	0	0.41	0.39	0.01	0.12	0.06	0	0.5
1906	5	11	0.11	0	0	0	0	0	0.15	0	0	0
1906	5	12	0.01	0	0.02	0	0	0	0.71	0	0.31	0.25
1906	5	13	0	0.03	0	0.07	0	0	0.36	0.03	0.21	0.3
1906	5	14	0.26	0.01	0	0	0.01	0	0	0	0	0
1906	5	15	0	0	0	0	0	0	0	0	0	0
1906	5	16	0	0	0	0	0	0.03	0.03	0.2	0.03	0.1
1906	5	17	0.03	0	0.14	0.04	0	0.16	0.03	0.07	0.13	0
1906	5	18	0.13	0	0	0	0.03	0	0	0	0	0
1906	5	19	0	0	0	0.08	0.04	0	0	0	0	0
1906	5	20	0	0	0	0	0	0	0	0	0	0
1906	5	21	0	0	0	0	0	0	0	0	0	0
1906	5	22	0	0	0	0	0	0	0	0	0	0
1906	5	23	0	0	0	0	0	0	0	0	0	0
1906	5	24	0	0.17	0	0	0	0.18	0.03	0.48	0.02	0.15
1906	5	25	0	0.12	0.26	0.55	0.14	0.4	0.17	0.41	0.65	0.6
1906	5	26	0	0	0	0	0	0.01	0.01	0.02	0.3	0
1906	5	27	2.62	0.73	1.26	0.98	0.16	1.65	0	1.74	0.35	0.8
1906	5	28	1.16	2.39	1.88	1.17	2.1	1.84	0	1.34	0	0.15
1906	5	29	0.18	0.44	0.22	0.65	0.41	0.18	0	0.28	0	0
1906	5	30	0	0	0	0	0	0	0	0	0	0
1906	5	31	0.01	0	0	0	0	0	0	0	0	0
1906	6	1	0	0	0	0.55	0	0	0.17	0	0.05	0
1906	6	2	0	0.14	0.66	0	0	0.19	0	0.21	0.24	0.5
1906	6	3	0	0	0	0.29	0.06	0	0.03	0.05	0	0
1906	6	4	0	0	0	0	0	0	0	0	0	0
1906	6	5	0	0	0	0	0	0	0.01	0	0.03	0
1906	6	6	0.01	0.05	0.21	0.1	0.57	0.4	0.91	1.05	0.37	0.02
1906	6	7	0	0.02	0.07	0.2	0.58	0.07	0	0.47	0	0
1906	6	8	0	0.02	0.03	0.13	0.04	0.38	3.18	0.29	0.52	1
1906	6	9	0	0.06	0	0.44	0	0.04	0.12	0	0.01	0.02
1906	6	10	0.01	0.07	0.14	0	0.63	0.43	0.11	0.12	0.45	0.5
1906	6	11	0	0	0	0	0.16	0	0	0	0	0
1906	6	12	0	0	0	0	0	0	0	0	0	0
1906	6	13	0	0	0	0	0	0	0	0	0	0
1906	6	14	0	0	0	0	0	0	0	0	0	0
1906	6	15	0	0	0	0	0	0	0	0	0	0
1906	6	16	0.21	0.13	0	0	0.17	0.26	0	0	0	0.01

1906	6	17	0.11	1.01	2.88	0.22	0.21	2.44	0.12	1.91	0.62	0.9
1906	6	18	0.18	0.01	0.21	0.83	0.11	0.04	0	0.03	0	0
1906	6	19	0.06	0.01	0	0	0.02	0.14	0	0.07	0	0.01
1906	6	20	0	0	0	0	0	0	0	0	0	0
1906	6	21	0	0	0	0	0	0	0	0	0.04	0
1906	6	22	0	0	0.17	0.12	0.02	0	0	0	0.3	0
1906	6	23	0.11	0.16	0.6	0.15	1.04	0.74	0.32	0.46	1.53	0
1906	6	24	0	0	1.77	1.45	0.99	0.07	0.31	0.87	0.27	0
1906	6	25	0	0	0.03	0.16	0	0	0.09	0.36	0.04	0
1906	6	26	0	0	0	0	0	0	0	0	0	0
1906	6	27	0	0	0	0	0	0	0	0	0	0
1906	6	28	0	0	0	0	0	0	0	0	0.03	0
1906	6	29	0.38	0.05	0.11	0.16	0.2	0	0.12	0.02	0.58	0.01
1906	6	30	0.19	0.84	0.3	0.09	0.13	0.59	0	0.76	0.2	0.05
1906	7	1	0	1.11	0.14	0.04	1.16	0.31	0	0.38	0	1
1906	7	2	0	0.16	0	0	0.22	0.01	0	0	0	0
1906	7	3	0.4	0.1	0.01	0	0.01	0.06	0	0	0	0
1906	7	4	1.06	0.52	0.79	1.04	0.26	0.68	0.27	0.57	0.6	0.35
1906	7	5	0	0	0	0	0.01	0	0	0	0	0
1906	7	6	0	0	0	0	0	0	0	0	0	0
1906	7	7	0	0.21	0	0	0	0	0	0	0	0
1906	7	8	0	0.01	0	0	0	0	0	0	0.24	0.06
1906	7	9	0.2	0	0	0	0	0	0	0	0.01	0.1
1906	7	10	0.82	1.12	1.25	0.18	0.06	0.22	0.02	0.06	0.24	0.38
1906	7	11	0	0	0.02	1.06	0.09	0	0	0	0.01	0
1906	7	12	0	0	0	0	0	0	0	0	0	0
1906	7	13	0	0	0	0	0	0	0	0	0	0
1906	7	14	0	0	0	0	0	0	0	0	0	0
1906	7	15	0	0	0	0	0	0	0	0	0	0
1906	7	16	0.14	0.11	0	0	0	0	0	0	0	0
1906	7	17	1.06	0.07	0.72	0.06	0.02	0.18	0.02	0.35	0.17	0.01
1906	7	18	0	0	0	0.08	1.29	0	0	0	0	0
1906	7	19	0	0	0	0	0	0	0	0	0	0
1906	7	20	0	0	0	0	0	0	0	0	0.01	0
1906	7	21	0.6	0.26	0.43	0.9	0	0.09	0.04	0.24	0.39	0.02
1906	7	22	0	0	0	0	0.63	0	0	0	0	0
1906	7	23	0	0.13	0.46	1.92	0.36	0.2	1.09	1.11	0.1	0.05
1906	7	24	0	0.17	0	0	0.11	0	0	0.01	0	0
1906	7	25	0	0	0	0	0	0	0	0	0	0
1906	7	26	0	0.05	0	0	0	0	0	0	0	0
1906	7	27	0	0	0	0	0	0	0	0	0	0
1906	7	28	0.04	0	0	0	0	0.01	0	0	0.1	0
1906	7	29	0.1	0	0	0	0	0	0	0.28	0.05	0

1906	7	30	0.12	1.36	0.5	0.62	0.4	1.11	0.93	1.07	0.41	0
1906	7	31	0	0	0	0.5	0.16	0.27	0	0.01	0	0
1906	8	1	0	0	0	0	0	0	0	0	0	0
1906	8	2	0.69	0	0	0	0	0	0	0	0	0
1906	8	3	0.22	0	0	0	0	0	0	0	0	0
1906	8	4	0.05	0.54	0.03	0	0	0.02	0.22	0.07	0.07	0.1
1906	8	5	0	0	0	0	0.03	0	0.01	0	0.01	0
1906	8	6	0	0	0	0.1	0	0	0.04	0	0.72	0.4
1906	8	7	0.19	0	0	0	0.78	0	0	0.04	0	0
1906	8	8	0	0.2	0	0	0.3	0	0	0	0	0
1906	8	9	0	0	0	0	0	0	0	0	0	0
1906	8	10	0	0.06	0.16	0	0	0.07	0.04	0	0	0
1906	8	11	0.12	0	0.76	0.08	0.01	0.62	0.33	0.14	0.1	0.03
1906	8	12	0	0	0	0	0.05	0	0	0	0	0
1906	8	13	0	0	0	0	0	0	0	0	0	0
1906	8	14	0	0	0	0	0	0	0.09	0	0.05	0
1906	8	15	0	0	0	0	0	0	0	0	0	0
1906	8	16	0	0	0	0	0	0	0	0	0	0
1906	8	17	0	0	0	0	0	0	0	0	0	0
1906	8	18	0	0	0	0	0	0	0	0	0	0
1906	8	19	0	0	0	0	0	0	0	0	0	0
1906	8	20	0	0	0	0	0	0	0	0	0.16	0.17
1906	8	21	0.06	0.15	0	0	0.61	0.31	0.18	0.02	0.01	0.04
1906	8	22	0	0	0	0	0.08	0	0	0	0	0
1906	8	23	0	0.1	0.72	0.68	0	1	0.47	0	0.19	0.47
1906	8	24	0.01	0.03	0	0	0	0	0	0.17	0	0
1906	8	25	0	0	0	0	0	0	0	0	0	0
1906	8	26	0.03	0	0	0	0	0	0	0	0	0
1906	8	27	0.06	0.5	0.01	0	0.12	0.21	0.07	0.05	0.95	2.34
1906	8	28	0	0	0	0.33	0.51	0	0	0.07	0	0
1906	8	29	0	0	0	0	0	0	0	0	0	0
1906	8	30	0	0	0	0	0	0.01	0	0	0	0
1906	8	31	0	0	0.05	0.02	0	0	0	0	0	0
1906	9	1	0	0	0	0	0	0	0	0	0	0
1906	9	2	0	0	0	0	0	0	0.04	0	0	0
1906	9	3	0.22	0.09	0.06	0.11	0.01	0.13	1.33	0.13	1.41	0
1906	9	4	0	0	0	0	0.29	0	0	0	0	0.22
1906	9	5	0	0	0	0	0	0	0	0	0	0
1906	9	6	0	0	0	0	0	0	0	0	0	0
1906	9	7	0	0	0	0	0	0	0.04	0	0.04	0
1906	9	8	0	0	0	0	0	0	0	0	0	0
1906	9	9	0	0	0.05	0.24	0	0	0.03	0	0.24	0
1906	9	10	0	0	0.07	0	0	0	0	0	0	0

1906	9	11	0	0	0	0	0	0	0	0	0	0
1906	9	12	0.68	0	0	0	0	0	0.03	0	0	0
1906	9	13	0.59	0.1	0	0	0	0	0.54	0	0.32	0
1906	9	14	0	0.02	0	0	0	0.02	0	0	0	0.07
1906	9	15	0	0	0	0	0	0	0	0	0	0
1906	9	16	0	0	0	0	0	0	0	0	0	0
1906	9	17	0	0	0	0	0	0	0	0	0	0
1906	9	18	0	0	0	0.08	0	0.19	0	0	0.38	0
1906	9	19	0	0	0	0	0	0	0	0	0	0
1906	9	20	0.02	0.17	0	0	0	0	0	0	0	0
1906	9	21	0	0.66	0	0	0.37	0.03	0	0.01	0	0
1906	9	22	0.56	0.68	0.11	0	0.02	0.3	0	0.14	0.62	0.04
1906	9	23	0	0	0.12	0.14	0.47	0.01	0.33	0.2	0.03	0.5
1906	9	24	0	0	0	0	0	0	0	0	0	0
1906	9	25	0	0	0	0	0	0	0	0	0	0
1906	9	26	0	0	0	0	0	0	0	0	0	0
1906	9	27	0.22	0.09	0.16	0.33	0.07	0.47	0.14	0.41	0.11	0
1906	9	28	0	0	0	0	0.12	0.04	0	0	0	0
1906	9	29	0	0	0	0	0	0	0.8	0	0.39	0
1906	9	30	0.2	0.83	0.01	0.04	0.21	0	0.04	0.05	0.05	0.27
1906	10	1	0	0	0	0	0.01	0	0	0	0	0
1906	10	2	0.03	0	0	0	0	0	0	0	0	0
1906	10	3	0	0	0	0	0	0	0	0	0	0
1906	10	4	0	0	0.01	0	0	0	0	0	0	0
1906	10	5	0.22	0	0	0	0	0	0	0	0	0
1906	10	6	0.01	0.11	0.23	0.48	0	0.12	1.46	0.26	0.57	0.16
1906	10	7	0	0	0	0	0.06	0	0.14	0.16	0	0
1906	10	8	0	0	0	0	0.02	0	0	0	0	0
1906	10	9	0.97	2.06	0.84	0	0	1.1	0.4	0.4	0.23	0
1906	10	10	0.1	0.1	0.62	3.06	0.28	0.1	0	1.24	0.19	0.12
1906	10	11	0	0	0.02	0.06	0.06	0	0	0	0.18	0.25
1906	10	12	0	0	0	0	0.13	0	0	0	0	0
1906	10	13	0	0	0	0	0	0	0	0	0	0
1906	10	14	0	0	0	0	0	0	0	0	0	0
1906	10	15	0	0	0	0	0	0	0	0	0	0
1906	10	16	0	0	0	0	0	0	0	0	0	0
1906	10	17	0	0	0	0	0	0	0	0	0	0
1906	10	18	0	0	0	0	0	0	0	0	0	0
1906	10	19	0.03	0	0.06	0	0	0.04	0.12	0	0.11	0
1906	10	20	1.8	0.45	0.13	0.39	1.13	0.82	0.67	0.92	1.03	1.15
1906	10	21	0.39	0.06	0	0	0.19	0	0	0	0	0
1906	10	22	0	0	0.03	0	0.18	0	0.21	0	0.01	0
1906	10	23	0	0	0.01	0.08	0	0	0.1	0	0.03	0.05

1906	10	24	0	0	0	0	0	0	0	0	0	0
1906	10	25	0.49	0.2	0.5	1.25	0.29	1.35	0.2	0.82	0.43	0.6
1906	10	26	0	0	0	0	0	0	0	0	0	0
1906	10	27	0	0.02	0.15	0.04	0	0	0	0	0.06	0
1906	10	28	0	0	0.03	0.14	0.1	0	0.5	0.04	0.02	0.35
1906	10	29	0	0	0	0	0.08	0	0.05	0	0.07	0
1906	10	30	0	0.2	0.03	0.12	0	0.06	0	0.14	0	0.16
1906	10	31	0.15	0.68	0.09	0.11	0.05	0.01	0	0.07	0	0.1
1906	11	1	0	0	0	0.1	0.05	0	0	0	0	0
1906	11	2	0	0.01	0.29	0.33	0	0.03	0	0	0	0
1906	11	3	0	0	0	0	0	0	0	0	0	0
1906	11	4	0	0	0	0	0	0	0	0	0	0
1906	11	5	0	0	0	0	0	0	0	0	0	0
1906	11	6	0	0	0	0	0	0	0	0	0	0
1906	11	7	0	0	0	0	0	0	0	0	0	0
1906	11	8	0	0	0	0	0	0	0	0	0	0
1906	11	9	0	0	0	0	0	0.02	0.15	0	0.08	0
1906	11	10	0	0.04	0.21	0.2	0.07	0.12	0.14	0.33	0.03	0.1
1906	11	11	0.48	0.98	0.63	0	0.03	0.47	0.14	0.82	0.27	0.2
1906	11	12	0	0.04	0.2	0.8	1.08	0.73	0.34	0.51	0.17	0.15
1906	11	13	0	0	0	0	0.02	0	0.32	0	0.23	0.2
1906	11	14	0	0	0	0	0	0	0.01	0	0.02	0.05
1906	11	15	0.46	1.14	0.75	0	0	0.34	0	0.1	0.25	0.7
1906	11	16	0	0.01	0.36	1.2	0.62	0.04	0.48	0.42	0.5	0.1
1906	11	17	0	0	0	0	0.06	0	0	0	0	0
1906	11	18	0.11	0	0	0	0	0	0.02	0	0	0.05
1906	11	19	0	0	0.01	0	0.02	0	0	0	0	0
1906	11	20	0	0	0	0	0	0	0	0	0	0
1906	11	21	0.01	0.17	0.05	0	0.02	0.1	0.04	0.06	0.15	0.2
1906	11	22	0	0.04	0.1	0.15	0.43	0.09	0.14	0.1	0	0.1
1906	11	23	0	0	0	0	0	0	0	0	0	0
1906	11	24	0	0	0	0	0	0	0	0	0	0
1906	11	25	0	0	0	0	0	0	0	0	0	0
1906	11	26	0	0.01	0.18	0	0	0.05	0.66	0.04	0.5	0.5
1906	11	27	0	0.01	0.15	0.43	0.07	0.06	0.3	0.21	0.3	0.05
1906	11	28	0	0.09	0.11	0.04	0.02	0.01	0.18	0.06	0.1	0
1906	11	29	0	0	0	0.7	0.01	0	0	0	0	0.06
1906	11	30	0	0.01	0	0	0	0	0	0	0	0
1906	12	1	0	0	0	0	0.01	0	0	0	0.01	0.04
1906	12	2	0	0	0	0	0	0	0	0	0	0
1906	12	3	0.06	0.06	0.29	0.23	0	0.1	0.5	0.08	0.19	0.08
1906	12	4	0	0	0	0	0.06	0	0	0	0	0.02
1906	12	5	0	0	0	0	0	0	0.01	0	0.06	0

1906	12	6	0.25	0.52	0.33	0.5	0.43	0.4	0.68	0.78	0.21	0.2
1906	12	7	0	0	0	0	0.16	0	0	0	0	0
1906	12	8	0	0.01	0	0	0	0	0	0	0	0
1906	12	9	0.02	0.04	0	0	0.03	0	0	0	0	0
1906	12	10	0.63	0.51	0.66	0.32	0.06	0.33	0.62	0.54	0.4	0.45
1906	12	11	0.01	0.05	0.12	0.24	0.25	0	0	0.07	0	0
1906	12	12	0	0	0	0	0	0	0	0	0	0
1906	12	13	0	0	0	0	0	0	0	0	0	0
1906	12	14	0	0	0	0	0	0	0	0	0.03	0
1906	12	15	0.01	0.12	0.27	0.54	0.04	0.15	1.1	0.69	0.23	0.3
1906	12	16	0.09	0	0	0	0.01	0	0	0	0	0
1906	12	17	0.38	0	0	0	0	0	0.02	0	0	0
1906	12	18	0	0	0	0	0	0	0	0	0	0
1906	12	19	0	0	0	0	0	0	0	0	0	0
1906	12	20	0.72	0.47	0.09	0.06	0	0.1	0.4	0.08	0.35	0.3
1906	12	21	0	0.07	0.73	0.68	0.24	0	0.1	0.34	0.01	0.1
1906	12	22	0.02	0.13	0.06	0	0.01	0.05	0	0	0.01	0
1906	12	23	0	0.17	0.33	0.12	0	0.37	0	0.31	0	0
1906	12	24	0	0	0	0	0	0	0	0	0.01	0
1906	12	25	0	0.07	0.44	0.4	0	0	0.8	0.02	0.2	0.31
1906	12	26	0	0.05	0.02	0.11	0	0	0.27	0	0.02	0.1
1906	12	27	0	0	0	0	0	0	0.35	0	0	0
1906	12	28	0	0.01	0	0.05	0.02	0	0	0	0	0
1906	12	29	0	0	0	0	0.01	0	0	0	0	0
1906	12	30	0.14	0	0	0	0	0	0	0	0	0
1906	12	31	1.25	1.68	1.46	0.16	0.14	1.71	1.08	0.84	0.26	0.3
1907	1	1	0	0	0.03	1.02	0.5	0	0.02	0.32	0	0
1907	1	2	0	0	0	0	0	0	0	0	0	0
1907	1	3	0.04	0.11	0.17	0	0	0	0.29	0.14	0.15	0.15
1907	1	4	0.36	0.29	0.15	0.45	0.44	0.07	0.49	0.27	0.33	0.4
1907	1	5	0	0	0	0	0	0	0.04	0	0	0
1907	1	6	0	0	0	0	0	0	0	0	0	0
1907	1	7	0.02	0.2	0	0	0	0	0	0	0	0
1907	1	8	0.04	0.13	0.04	0	0.08	0.04	0.03	0.08	0	0.05
1907	1	9	0	0.01	0	0.07	0.09	0	0.05	0.04	0.01	0
1907	1	10	0	0	0	0	0	0	0.45	0	0	0
1907	1	11	0	0	0	0	0	0	0.07	0	0	0
1907	1	12	0.96	0.18	0.6	0.2	0.01	0.23	0.56	0.41	0.23	0.3
1907	1	13	0.01	0	0	0.08	0.18	0	0	0	0	0
1907	1	14	0.32	0.22	0.1	0.1	0.1	0.03	0.45	0.15	0.01	0
1907	1	15	0.13	0.02	0	0.04	0.05	0	0	0	0	0
1907	1	16	0	0	0	0	0	0	0	0	0	0
1907	1	17	0.39	0.1	0	0	0	0.02	0	0.02	0	0

1907	1	18	0.02	0.01	0.06	0.08	0.15	0	0.3	0.01	0.03	0.15
1907	1	19	0.25	0.24	0.38	0.21	0	0.1	0.24	0.25	0.06	0.05
1907	1	20	0	0.02	0.02	0.23	0.21	0	0.06	0.03	0.01	0
1907	1	21	0	0	0	0	0.01	0	0.1	0	0	0.08
1907	1	22	0	0.12	0.58	0.05	0	0.27	0.01	0.2	0.07	0
1907	1	23	0	0	0	0.25	0.08	0	0	0	0	0
1907	1	24	0	0	0	0	0	0	0	0	0	0.12
1907	1	25	0.02	0.36	0.18	0.09	0	0.06	0.02	0.08	0.05	0.05
1907	1	26	0.15	0.48	0.14	0.25	0.28	0.23	0	0.31	0.05	0
1907	1	27	0.04	0	0	0	0.02	0	0	0	0	0
1907	1	28	0	0	0	0	0	0	0.01	0	0	0
1907	1	29	0.01	0	0	0	0	0	0	0	0.01	0
1907	1	30	0.04	0.05	0	0	0.01	0	0.08	0	0.01	0
1907	1	31	0.09	0	0.01	0	0	0	0.08	0	0	0
1907	2	1	0.29	0.37	0.04	0.1	0.01	0	0	0	0	0
1907	2	2	0.15	0.06	0.02	0.09	0.05	0	0.06	0.06	0	0.05
1907	2	3	0	0	0	0	0.06	0	0.21	0	0.02	0
1907	2	4	0.41	0.1	0	0	0	0	0	0	0	0
1907	2	5	0.45	0.82	0.85	0.26	0.32	0.29	0.1	0.75	0.19	0.3
1907	2	6	0	0.06	0	0.08	0.4	0	0.05	0.02	0.05	0.03
1907	2	7	0	0	0	0	0	0	0	0	0	0
1907	2	8	0	0	0	0	0	0	0.02	0	0	0
1907	2	9	0	0	0	0	0.02	0	0	0	0	0
1907	2	10	0.09	0.02	0.1	0.11	0.02	0.09	0.33	0.12	0.1	0.12
1907	2	11	0	0.01	0	0.2	0	0	0.25	0	0	0
1907	2	12	0	0	0	0	0	0	0.02	0	0	0
1907	2	13	0	0	0	0	0	0	0.11	0	0	0
1907	2	14	0	0	0	0	0	0	0.07	0	0.05	0.05
1907	2	15	0	0	0	0	0	0	0.11	0	0	0
1907	2	16	0	0	0	0.1	0	0	0.13	0	0.03	0
1907	2	17	0	0.03	0.41	0.25	0.05	0.07	0.1	0.02	0.12	0.18
1907	2	18	0	0.01	0.25	0.5	0	0	0	0	0	0
1907	2	19	0.09	0.08	0.23	0	0	0.08	0.3	0.11	0	0.05
1907	2	20	0	0.15	0.11	0.14	0.02	0.06	0	0	0	0
1907	2	21	0	0	0.09	0.17	0	0.09	0.17	0.1	0	0
1907	2	22	0	0	0	0	0	0	0	0	0	0
1907	2	23	0	0	0	0	0	0	0	0	0	0
1907	2	24	0.77	0.07	0.18	0	0	0.07	0.48	0	0.02	0
1907	2	25	0	0.1	0.52	0.38	0.2	0.1	0.2	0.15	0.08	0.07
1907	2	26	0	0	0	0	0	0	0	0	0	0
1907	2	27	0	0	0.14	0.12	0	0	0.09	0	0.01	0.06
1907	2	28	0	0	0.01	0	0	0	0	0	0	0
1907	3	1	0.05	0	0	0	0	0	0	0	0	0

1907	3	2	0.29	0.41	0.3	0.34	0.01	0.04	0.38	0.32	0.33	0.05
1907	3	3	0	0	0	0	0.04	0	0.29	0	0.1	0.05
1907	3	4	0	0.08	0.02	0	0	0	0.03	0.12	0	0
1907	3	5	0	0	0	0	0	0	0.02	0	0	0.05
1907	3	6	0.36	0	0	0	0	0	0	0	0	0
1907	3	7	0	0	0	0	0	0	0	0	0	0
1907	3	8	0.21	0.04	0	0	0.05	0	0	0	0	0
1907	3	9	0	0	0	0	0.01	0	0	0	0	0
1907	3	10	0.33	0.13	0	0	0	0	0	0	0	0
1907	3	11	0	0.01	0	0	0	0	0	0	0	0
1907	3	12	0.47	0	0	0	0	0	0	0	0	0
1907	3	13	0.09	0.24	0.04	0.07	0.15	0.02	0.15	0.1	0.01	0
1907	3	14	0.02	0.04	0.47	0.5	0.02	0.06	0.31	0.25	0.1	0.12
1907	3	15	0	0.01	0	0	0.04	0	0.09	0	0.15	0
1907	3	16	0	0	0	0.6	0	0	0	0	0	0
1907	3	17	0.1	0	0	0	0	0	0.09	0	0	0
1907	3	18	0.11	0	0	0	0	0	0	0	0	0
1907	3	19	0.86	0.29	0.9	0.08	0	0.29	0.47	0.15	0.12	0
1907	3	20	0	0.03	0.02	0.59	0	0.11	0.08	0.52	0.01	0
1907	3	21	0	0	0	0	0	0	0	0	0	0
1907	3	22	0	0	0	0.09	0	0	0.01	0	0	0
1907	3	23	0	0	0	0	0	0	0	0	0	0
1907	3	24	0	0.29	0.66	0.27	0.04	0.37	1.02	0.52	0.44	0.02
1907	3	25	0	0	0	0	0.39	0	0	0	0	0
1907	3	26	0	0	0.01	0	0	0	0.11	0	0	0
1907	3	27	0	0	0	0	0	0	0.28	0	0.02	0.02
1907	3	28	0.02	0.09	0.16	0.15	0.05	0.1	0.46	0.2	0.09	0.06
1907	3	29	0	0	0	0	0.07	0	0.22	0	0	0
1907	3	30	0	0	0	0	0	0	0.01	0	0	0
1907	3	31	0.17	0	0	0	0	0	0	0	0	0
1907	4	1	0.17	0.43	0.48	0.27	0	0.44	0	0.21	0	0
1907	4	2	0	0.02	0	0.17	0	0.01	0	0	0	0
1907	4	3	0	0	0	0	0	0	0	0	0	0
1907	4	4	0	0	0	0	0	0	0	0	0	0
1907	4	5	0	0.04	0.22	0.45	0.02	0.05	0.32	0.15	0.03	0
1907	4	6	0	0	0	0	0	0	0	0	0	0
1907	4	7	0	0	0	0	0	0	0	0	0	0
1907	4	8	0.9	1.13	0.6	0	0.06	0.59	1.07	0.41	0.45	0.8
1907	4	9	0.92	0.69	0.74	0.72	0.5	0.62	0.06	0.6	0.2	0
1907	4	10	0.01	0.07	0.16	0.7	0.25	0.21	0.4	0.1	0.16	0.5
1907	4	11	0	0.01	0	0.02	0.14	0	0	0	0	0
1907	4	12	0.17	0	0	0	0	0	0	0	0	0
1907	4	13	0.24	0.33	0	0	0.01	0	0	0	0	0

1907	4	14	0	0	0	0	0.04	0	0	0	0	0
1907	4	15	0	0	0	0	0	0	0	0	0	0
1907	4	16	0	0	0	0	0	0	0	0	0.05	0
1907	4	17	0	0	0.01	0	0.08	0.19	0.13	0.04	0.01	0
1907	4	18	0	0	0	0	0	0	0	0	0	0
1907	4	19	0.09	0.04	0	0	0	0	0	0	0	0
1907	4	20	0	0	0	0	0.04	0	0	0	0	0
1907	4	21	0	0	0	0	0	0	0	0	0	0
1907	4	22	0	0	0	0	0	0	0	0	0	0
1907	4	23	0.28	0	0	0	0	0	0	0	0.16	0
1907	4	24	0.78	0.52	0.44	0.92	0.64	0.6	0.23	0.43	0.53	0.7
1907	4	25	0	0	0	0	0.01	0	0.13	0	0.33	0
1907	4	26	0.13	0	0.09	0.2	0.01	0.14	0.03	0.28	0.38	0.65
1907	4	27	0.03	0	0	0.19	0.44	0	0	0.08	0	0
1907	4	28	0	0	0	0	0	0	0	0	0	0
1907	4	29	0	0.03	0.01	0.06	0	0	0.04	0	0	0
1907	4	30	0.06	0	0	0	0	0	1.56	0	0.26	0.25
1907	5	1	0.09	0.01	0	0	0.09	0	0	0	0	0
1907	5	2	0	0	0	0	0	0	0	0	0	0
1907	5	3	0	0	0	0	0	0	0	0	0.08	0
1907	5	4	1.16	0.43	0.31	0.23	0.25	0.37	1.24	0.45	0.42	0.5
1907	5	5	0	0	0	0	0.07	0	0	0	0	0
1907	5	6	1.46	0.28	0.05	0.06	0	0.17	0	0.13	0	0.02
1907	5	7	0	0.01	0	0	0.06	0	0	0	0	0
1907	5	8	0	0	0	0	0.45	0.01	0	0	0	0
1907	5	9	0.29	0.11	0	0	0	0	0	0	0	0
1907	5	10	0.45	0.01	0	0	0	0	0	0	0	0
1907	5	11	0.3	0.96	0.23	0.11	0.09	0.28	0	0.3	0.05	0.3
1907	5	12	0	0	0	0	0.15	0	0	0	0	0
1907	5	13	0	0	0	0	0	0	0	0	0	0
1907	5	14	0	0	0	0	0	0	0.1	0	0	0
1907	5	15	0	0	0	0	0	0	0	0	0	0
1907	5	16	1.18	0.15	0.78	0.23	0.37	1.03	0.11	0.17	0.17	0.01
1907	5	17	0.05	0.23	0.16	0.7	0.26	0.09	0	0.75	0	0
1907	5	18	0	0	0.02	0	0	0	0.08	0	0.07	0
1907	5	19	0.14	0.1	0	0.15	0.01	0.16	0.01	0	0.02	0
1907	5	20	0.05	0.19	0	0.05	0.06	0	0.2	0	0.01	0
1907	5	21	0	0	0	0	0	0	0	0	0	0
1907	5	22	0	0	0	0	0	0	0	0	0	0
1907	5	23	0	0	0	0	0	0	0	0	0	0
1907	5	24	0	0	0	0	0	0	0	0	0	0
1907	5	25	0	0	0	0	0	0	0	0	0	0
1907	5	26	0.08	0.19	0.02	0.03	0	0.27	0.04	0.15	0.27	0

1907	5	27	0.23	0.45	0.37	0.14	0.55	0.14	0.14	0.32	0.42	0
1907	5	28	0	0	0.05	0.78	0.36	0	0	0.08	0	0
1907	5	29	0	0	0	0	0	0	0.01	0	0.03	0
1907	5	30	0	0	0	0	0	0.04	0	0	0	0
1907	5	31	0	0	0	0	0.1	0	0	0.1	0	0
1907	6	1	0.11	0	0	0	0.43	0	0	0	0	0
1907	6	2	0.73	0.59	0.15	0	0.01	0.47	0	0	0	0.15
1907	6	3	0.06	0.57	0.34	0.28	0.29	0.13	0	0.64	0	0
1907	6	4	0	0	0	0	0.01	0	0	0	0	0
1907	6	5	0.25	0.16	0.75	0	0.03	0.47	0.2	0.52	0.02	0.1
1907	6	6	0	0	0	0.83	0.3	0	0.23	0.34	0.07	0.35
1907	6	7	0	0	0.04	0.07	0.12	0	0.28	0.02	0.02	0
1907	6	8	0	0	0	0.05	0	0	0.15	0	0.08	0.8
1907	6	9	0	0.06	0.21	0.02	0	0.4	0.09	0	0.01	0.08
1907	6	10	0	0.02	0.01	0	0	0	0	0	0	0.35
1907	6	11	0	0	0	0	0	0	0	0.1	0	0
1907	6	12	0	0	0	0	0	0	0	0	0	0
1907	6	13	0	0	0	0	0	0	0	0	0	0
1907	6	14	0.45	0	0	0	0	0	0.14	0	0	0
1907	6	15	0	0.02	0	0	0	0.04	0	0	0	0
1907	6	16	0	0	0	0	0	0	0	0	0	0.1
1907	6	17	0	0	0	0	0	0	0	0	0	0.7
1907	6	18	0	0	0	0	0	0	0.05	0	0	0.1
1907	6	19	0	0.08	0.11	0	0	0	0	0.02	0.09	0
1907	6	20	0.04	0	0.22	0.07	0	0	0.01	0	0.47	0
1907	6	21	0	0	0	0	0.23	0	0.01	0	0.01	0
1907	6	22	0	0	0	0	0	0	0	0	0	0.1
1907	6	23	0	0	0	0	0	0	0	0	0.08	1.25
1907	6	24	0	0	0	0	0	0	0	0	0	0.12
1907	6	25	0	0	0.21	0.23	0	0	0.55	0.07	0.87	0.1
1907	6	26	0.38	0.01	0.15	0.28	0.03	0.43	1.01	0.54	1.74	0
1907	6	27	0	0	0	0.24	1.06	0	0.03	0.09	0.07	0
1907	6	28	0	0	0	0	0	0	0	0	0	0
1907	6	29	0.75	0.09	0.02	0	0	0.02	0	0	0	0.5
1907	6	30	0.51	0.96	1.34	1.03	1.15	1.11	0.75	0.9	0.68	0.7
1907	7	1	0	0	0.01	0.05	0.06	0	0.14	0.01	0.04	0.05
1907	7	2	0.02	0	0	0	0.44	0.18	0.03	0.27	1.43	0.2
1907	7	3	0	0	0	0	0.37	0	0	0	0	0
1907	7	4	0	0	0	0	0	0	0	0	0	0
1907	7	5	0	0	0	0	0	0	0.09	0	0	0
1907	7	6	0	0	0.18	0	0	0.68	0.06	0.04	0.07	0.08
1907	7	7	0	0	0	0.35	0	3	0.12	1.16	0	0.54
1907	7	8	0	0	0	0	0	0	0.09	0.27	0	0

1907	7	9	0	0.01	0.01	0	0.01	0.04	0	0	0	0
1907	7	10	0	0	0	0	0	0	0	0	0	0
1907	7	11	0.09	0.47	0.02	0	0	0.19	0	0.04	0.04	0.33
1907	7	12	0.07	0	0.71	0.53	1.23	1.1	0.99	0.65	0.8	0.53
1907	7	13	0	0	0	0	0.18	0	0.01	0	0	0
1907	7	14	0	0	0	0	0	0	0	0	0	0
1907	7	15	0	0	0	0	0	0	0	0	0	0
1907	7	16	0	0	0	0	0	0	0.02	0	0	0
1907	7	17	0	0.08	0	0	0	0.22	0	0.05	0	0
1907	7	18	0	0	0	0	1.62	0	0	0.13	0	0
1907	7	19	0	0	0	0	0	0	0	0	0	0
1907	7	20	0.64	0.15	0.49	0	0	0.82	0.09	0	0.37	0.74
1907	7	21	0	0	0.02	0.41	0.17	0	0	0.58	0	0.02
1907	7	22	0	0	0.09	0	0	0.06	0.22	0.04	0.34	0.13
1907	7	23	0	0	0.85	0.14	0.04	0.04	0.11	0.29	0	0.53
1907	7	24	0	0.01	0	0	0	0.02	0.36	0	0.22	0
1907	7	25	0	0.21	0.3	0.5	0	0.25	0.03	0.32	0.01	0.38
1907	7	26	0	0.16	0.92	0.57	0.01	0.06	0.4	0.06	0.04	0.24
1907	7	27	0	0	0	0.22	0.05	0	0.5	0	0.07	0
1907	7	28	0	0	0	0	0	0	0	0	0	0
1907	7	29	0.07	0	0	0	0	0	0.01	0	0	0
1907	7	30	0	0	0.02	0	0.02	0	0.03	0	0.25	0.06
1907	7	31	0	0	0.01	0	0	0	0	0.02	0	0
1907	8	1	0	0	0.14	0.03	0	0.27	0.03	0.91	0.11	0.09
1907	8	2	0	0	0.58	0.2	0.08	0.06	0.02	0.24	0.03	0.3
1907	8	3	0	0	0	0	0.07	0	0	0.32	0	0
1907	8	4	0.27	0.29	0.52	0.39	0.01	0.44	0.1	0.63	0.09	0
1907	8	5	0	0	0	0	0	0	0	0	0	0
1907	8	6	0.1	0	0	0.02	0.03	0.01	0.04	0.02	0.11	0.22
1907	8	7	0	0	0	0	0.01	0	0.24	0	0.03	0
1907	8	8	0	0	0	0	0	0	0	0	0	0
1907	8	9	0.33	0	0	0	0	0	0	0	0	0
1907	8	10	0	0	0	0	0	0	0	0	0	0
1907	8	11	0	0	0	0	0	0	0	0	0	0
1907	8	12	0	0	0	0	0	0	0.04	0	0	0
1907	8	13	0	0	0	0	0	0	0.01	0	0	0
1907	8	14	0	0	0	0	0	0	0	0	0	0
1907	8	15	0	0	0	0	0	0	0	0	0	0
1907	8	16	0	0	0	0	0	0	0.1	0	0	0
1907	8	17	0.1	0.19	0.1	0.19	0.07	0.16	0.15	0.09	0.11	0.34
1907	8	18	0.01	0	0	0	0	0	0	0	0	0
1907	8	19	0	0	0	0	0	0	0	0	0	0
1907	8	20	0	0	0	0	0	0	0.03	0	0.06	0

1907	8	21	0	0.06	0.16	0.04	0.01	0.55	0	0.28	0	0.12
1907	8	22	0	0	0	0	0.1	0	0	0	0	0
1907	8	23	0.02	0	0	0	0	0	0	0	0	0
1907	8	24	2.34	0.05	0.42	0.52	0.09	0.01	0.34	0	0.17	0
1907	8	25	0	0.03	0	0	0.04	0	0.04	0.05	0.02	0
1907	8	26	0	0	0	0	0	0	0	0	0.01	0
1907	8	27	0.07	0.09	0	0	0	0.02	0	0	0	0
1907	8	28	0	0.03	0.04	0	0.18	0.07	0	0.05	0	0.01
1907	8	29	0	0	0	0	0	0	0	0	0	0
1907	8	30	0	0.3	0.11	0	0	0.05	0.08	0.01	0.28	0
1907	8	31	0	0.06	0	0.12	0.05	0	0.01	0	0.03	0.03
1907	9	1	0	0	0	0	0	0	0	0	0	0
1907	9	2	0.22	0.04	0.41	0.04	0	0.96	0.73	0.16	0.22	0.31
1907	9	3	0.02	0.06	0.44	1.2	0.44	0.27	0.09	0.33	0.25	0.94
1907	9	4	0.17	1.02	0.14	0.25	0.59	0.67	0.59	0.42	1	2.5
1907	9	5	0.25	1.06	0.24	0.04	0.86	0.18	0.01	1.76	0.3	0.2
1907	9	6	0	0	0	0.06	0.01	0	0.09	0	0.03	0.23
1907	9	7	0	0	0	0	0	0	0	0	0	0
1907	9	8	0	0.04	0.06	0.04	0.03	0.07	0.01	0.15	0	0
1907	9	9	0	0	0	0	0.01	0	0.22	0	0	0
1907	9	10	0	0	0	0	0.44	0.02	0.26	0.05	0.03	0.08
1907	9	11	0.99	0.1	0.09	0.02	0.12	0.55	0.54	0.3	1.02	0.4
1907	9	12	0	0	0	0.25	0.62	0	0.13	0.31	0.01	0.01
1907	9	13	0	0	0	0	0	0	0	0	0	0
1907	9	14	0	0	0	0	0	0	0	0	0	0
1907	9	15	0	0	0	0	0	0	0	0	0	0
1907	9	16	0	0	0	0	0	0	0	0	0.03	0.15
1907	9	17	0	0	0	0	0	0	0	0.07	0.01	0
1907	9	18	0.49	0	0	0	0	0	0	0	0	0
1907	9	19	0.06	0	0	0	0.05	0	0	0	0	0
1907	9	20	0	0	0	0	0	0	0.03	0	0	0
1907	9	21	0.14	0.07	0.17	0.05	0.17	0.22	0	0	0	0
1907	9	22	0.58	0.02	0	0	0	0	0	0	0	0
1907	9	23	2.1	1.89	3.33	1.67	0.29	2.14	0.02	1.48	0.42	0.6
1907	9	24	0.27	0.03	0.44	1.81	0.99	0.53	0.44	0.94	0.14	0.22
1907	9	25	0	0.01	0.1	0.09	0.08	0.02	0.02	0.04	0.02	0.04
1907	9	26	0	0	0	0	0	0	0.01	0	0	0
1907	9	27	0	0	0	0	0	0	0	0	0.09	0
1907	9	28	0.91	0.26	0.1	0.03	0.02	0.36	0	0.32	0.42	0.28
1907	9	29	2.13	2.83	2.21	1.4	0.64	3.27	0.76	2.43	0.67	1
1907	9	30	0	0	0.08	0.43	0.45	0	0.2	0.09	0.04	0.05
1907	10	1	0	0	0	0.23	0	0	0.01	0	0	0
1907	10	2	0	0	0	0	0	0	0	0	0	0

1907	10	3	0	0	0	0	0	0	0	0	0	0
1907	10	4	0.39	0.36	0.86	0.8	0.59	0.63	0.44	0.78	0.29	0
1907	10	5	0.11	0	0	0	0	0.09	0	0.01	0.11	0.1
1907	10	6	0	0	0	0	0	0	0.02	0	0.09	0
1907	10	7	0	0	0.06	0.13	0.02	0.09	0.49	0.17	0.23	0.32
1907	10	8	1.08	1.14	0.47	1.03	0.28	0.62	0.9	0.61	0.93	0.96
1907	10	9	0	0	0	0	0.06	0	0	0	0	0
1907	10	10	0	0	0	0	0	0	0	0	0.02	0
1907	10	11	0	0	0	0	0	0.01	0.13	0.03	0.49	0.34
1907	10	12	0.01	0	0.02	0.05	0.48	0.02	0.01	0.19	0.01	0.11
1907	10	13	0	0	0	0	0	0	0	0	0	0
1907	10	14	0	0	0	0	0	0	0	0	0	0
1907	10	15	0	0	0	0	0	0	0	0	0	0
1907	10	16	0	0	0	0	0	0	0	0	0	0
1907	10	17	0	0	0	0	0	0	0	0	0	0
1907	10	18	0	0	0	0	0	0	0.07	0	0.04	0.05
1907	10	19	0	0	0	0	0	0	0	0	0	0.1
1907	10	20	0.01	0.41	0.25	0	0.03	0.24	0	0.18	0.09	0
1907	10	21	0	0	0	0	0.31	0.01	0	0.12	0	0
1907	10	22	0	0	0	0	0	0	0	0	0	0
1907	10	23	0	0	0	0	0	0	0	0	0	0
1907	10	24	0	0	0	0	0	0	0	0	0	0
1907	10	25	0	0	0	0	0	0	0.08	0	0.04	0.02
1907	10	26	0	0	0	0	0	0	0	0	0	0.03
1907	10	27	0.71	0	0.06	0	0	0.09	0.28	0.1	0.23	0.08
1907	10	28	1.74	0.3	0.5	0.95	0.83	0.92	1.08	1.63	1.01	1.1
1907	10	29	0.73	0.33	0.31	0.9	1.09	1.02	0.01	0.85	0.01	0.18
1907	10	30	0	0	0	0.06	0.02	0	0	0	0	0
1907	10	31	0	0	0	0	0	0	0	0	0	0
1907	11	1	0	0	0	0	0	0	0	0	0	0
1907	11	2	0.67	0.14	0.1	0	0	0.5	0.24	0.23	0.22	0.15
1907	11	3	0	0.5	0.39	1.05	0.77	0.95	0.61	0.98	0.22	2.9
1907	11	4	0	0	0	0	0	0	0	0	0	0
1907	11	5	0	0	0	0	0	0	0.02	0	0	0.01
1907	11	6	1.37	1.35	1.36	0.54	0.01	1.73	0.73	1	0.42	1
1907	11	7	0.01	0.2	0.04	1.65	2.46	0.01	0.47	0.87	0.58	3.25
1907	11	8	0	0	0	0	0.04	0	0.37	0	0	0
1907	11	9	0	0	0	0	0	0	0	0	0	0
1907	11	10	0.1	0.42	0.27	0.29	0	0.17	0	0.11	0	0
1907	11	11	0	0	0	0	0	0	0.32	0	0.1	0
1907	11	12	0	0	0	0	0	0	0	0	0.04	0
1907	11	13	0	0	0	0	0	0	0	0	0	0
1907	11	14	0	0	0	0	0	0	0.02	0	0	0

1907	11	15	0	0	0	0	0	0	0.07	0	0	0
1907	11	16	0	0	0	0	0	0	0	0	0	0
1907	11	17	0	0	0	0	0	0	0	0	0	0
1907	11	18	0.55	0.03	0	0	0	0	0	0	0	0
1907	11	19	0.24	0.41	0	0	0.08	0	0	0	0	0
1907	11	20	0	0	0	0	0	0	0	0	0	0
1907	11	21	0.14	0.03	0.13	0.03	0.03	0.24	0.08	0.31	0.04	0.3
1907	11	22	0	0	0.02	0.1	0.01	0.01	0.02	0.03	0.01	0
1907	11	23	0	0	0	0	0	0	0	0	0	0
1907	11	24	1.34	0.52	0	0	0	0.05	0	0	0.08	0
1907	11	25	0	2.42	1.99	0.64	0.52	0.4	0.38	0.75	0.81	0.27
1907	11	26	0.06	0	0	0.53	0.09	0.01	0.12	0.16	0	0
1907	11	27	0	0	0.02	0.04	0.13	0	0	0	0.06	0
1907	11	28	0	0	0.08	0.07	0	0	0.19	0	0.09	0.07
1907	11	29	0	0	0	0.03	0.01	0	0.15	0	0	0
1907	11	30	0	0	0	0	0	0	0.17	0	0	0
1907	12	1	0	0.02	0.02	0	0.01	0	0.07	0	0.03	0
1907	12	2	0.02	0.03	0	0.03	0.06	0	0.11	0	0.06	0.08
1907	12	3	0.09	0	0	0	0.01	0	0	0	0	0
1907	12	4	0.02	0.12	0	0	0	0	0	0	0	0
1907	12	5	0	0	0	0	0	0	0	0	0	0
1907	12	6	0	0	0	0	0	0	0	0	0	0
1907	12	7	0	0	0	0	0	0	0	0	0	0
1907	12	8	0	0	0	0	0	0	0	0	0.01	0
1907	12	9	0	0	0	0	0	0	0.1	0	0.1	0
1907	12	10	0.86	1.54	0.87	0.42	0.1	0.56	0.44	0.75	0.5	3.02
1907	12	11	0	0	0.02	1.09	0.69	0	0.28	0.32	0.21	1.9
1907	12	12	0	0	0	0	0	0	0.21	0	0.02	0
1907	12	13	0	0	0	0	0	0	0	0	0	0
1907	12	14	1.34	0.77	0.48	0	0	0.37	0	0.38	0.15	0.07
1907	12	15	0	0.49	0.22	0.62	0.78	0.17	0.77	0.46	0.14	0.11
1907	12	16	0	0.08	0.03	0	0.14	0.07	0.07	0	0.09	0
1907	12	17	0	0	0.04	0	0	0	0.13	0	0.06	0
1907	12	18	0	0	0	0	0	0	0	0	0	0
1907	12	19	0	0	0	0	0	0	0	0	0	0
1907	12	20	0	0	0	0	0	0	0	0	0	0
1907	12	21	0	0	0	0	0	0	0	0	0.01	0
1907	12	22	0	0	0	0	0	0	0	0	0	0
1907	12	23	1.4	0.63	1.65	0.88	0.05	0.82	0.56	0.77	1.08	0.83
1907	12	24	0	0	0	0.09	0.64	0	0.11	0.06	0.04	0.34
1907	12	25	0	0	0	0	0	0	0.15	0	0	0
1907	12	26	0	0	0	0.01	0	0	0.05	0	0	0
1907	12	27	0	0	0	0	0	0	0	0	0	0

1907	12	28	0	0.01	0.02	0.02	0	0.03	0.65	0	0.01	0
1907	12	29	0	0	0	0	0.01	0	0	0	0	0
1907	12	30	0.53	0.57	0.77	0.57	0	0.6	1.3	0.57	0.1	0.15
1907	12	31	0	0.05	0	0.02	0.03	0	0.08	0	0	0
1908	1	1	0	0	0.01	0	0	0	0.02	0	0	0
1908	1	2	0	0	0	0	0	0	0	0	0	0
1908	1	3	0	0	0	0	0	0	0.06	0	0	0
1908	1	4	0.14	0.01	0.07	0	0	0.08	0.53	0.02	0	0
1908	1	5	0	0	0	0.03	0	0	0	0.02	0	0
1908	1	6	0	0	0	0	0	0	0.13	0	0	0
1908	1	7	1.29	0.95	0.87	0	0	0.72	0.18	0.18	0.61	0.23
1908	1	8	0	0	0.04	1.11	0.59	0.1	0.61	0.83	0.02	0.68
1908	1	9	0	0	0.01	0	0.01	0	0.02	0	0.01	0
1908	1	10	0	0	0	0	0	0	0	0	0	0
1908	1	11	0	0	0	0	0	0	0	0	0	0
1908	1	12	1.46	0.33	1.08	0.4	0.02	0.7	0.55	0.44	0.36	0.23
1908	1	13	0	0.32	0.1	0.56	0.59	0.06	0.06	0.47	0.09	0.1
1908	1	14	0	0	0	0	0	0	0.01	0	0	0
1908	1	15	0	0	0	0	0	0	0	0	0	0
1908	1	16	0.09	0	0.01	0	0	0	0.27	0	0	0
1908	1	17	0	0	0	0	0	0	0.05	0	0	0
1908	1	18	0	0	0	0	0	0	0.17	0	0	0
1908	1	19	0	0	0	0	0	0	0	0.02	0	0
1908	1	20	0	0	0	0	0	0	0	0	0	0
1908	1	21	0	0	0	0	0	0	0.13	0	0	0
1908	1	22	0	0	0	0	0	0	0.21	0	0	0.05
1908	1	23	0.17	0.02	0	0	0	0.01	0	0	0.02	0
1908	1	24	0.48	0.26	0	0	0.12	0.04	0	0	0	0.1
1908	1	25	0	0	0	0	0	0	0.17	0	0	0
1908	1	26	0	0	0	0	0	0	0.53	0	0.3	0.15
1908	1	27	0.11	0.41	0.19	0.55	0.02	0.28	0.75	0.34	0.12	0.32
1908	1	28	0	0	0	0	0.01	0	0.17	0	0.01	0
1908	1	29	0.02	0.17	0.04	0	0	0.08	0.09	0.03	0	0
1908	1	30	0	0	0	0	0	0	0	0	0	0
1908	1	31	0	0	0	0	0	0	0	0	0	0
1908	2	1	1.33	0.5	0.62	1.3	0.05	0.77	1.68	1.48	0.75	1.05
1908	2	2	0	0.01	0	0.1	0.45	0	0.19	0	0	0
1908	2	3	0	0	0	0	0	0	0	0	0	0
1908	2	4	0	0	0	0	0.02	0	0	0	0	0
1908	2	5	0.39	0	0	0	0	0	0.07	0	0.03	0
1908	2	6	0.56	0.26	0.88	0.46	0.45	0.45	1.45	0.46	0.13	0.48
1908	2	7	0	0	0	0.09	0	0	0.1	0	0	0
1908	2	8	0	0	0	0	0	0	0.01	0	0	0

1908	2	9	0	0	0	0	0	0	0	0	0	0
1908	2	10	0	0	0	0	0	0	0.02	0	0	0
1908	2	11	0	0	0	0	0	0	0	0	0	0
1908	2	12	0	0	0	0	0	0	0	0	0	0
1908	2	13	0.11	0.2	0.12	0.14	0.01	0.15	0.01	0.18	0.13	0
1908	2	14	0.09	0.05	0.03	0	0.12	0.08	0.27	0	0.05	0.03
1908	2	15	0.41	0.45	0.43	0.52	0.05	0.49	1.55	0.84	0.39	1
1908	2	16	0	0	0	0.03	0.22	0	0.03	0	0	0
1908	2	17	0	0	0.1	0.2	0	0.02	0	0.04	0.06	0
1908	2	18	0	0	0	0	0	0	0	0	0	0
1908	2	19	2.15	0.84	0.8	0.03	0.04	0.6	0.25	0.45	0.28	0.3
1908	2	20	0	0	0	0.8	0.86	0	0.17	0.45	0.13	0.17
1908	2	21	0	0	0	0	0	0	0	0	0	0
1908	2	22	0	0	0	0	0	0	0	0	0	0
1908	2	23	0.02	0	0.03	0	0	0.04	0	0	0.03	0
1908	2	24	0	0.06	0	0.05	0.04	0.01	0	0.06	0	0
1908	2	25	0.04	0	0	0	0	0	0	0	0	0
1908	2	26	0.76	0.46	0.25	0	0.01	0.66	0.42	0.46	0.24	0.8
1908	2	27	0	0.13	0.46	0.81	0.43	0.07	0	0.61	0.04	0
1908	2	28	0	0	0	0.05	0.02	0	0	0	0.01	0
1908	2	29	0	0	0	0	0	0	0	0	0	0
1908	3	1	0.09	0.17	0.04	0	0	0.04	0.01	0	0.24	0
1908	3	2	0.04	0.45	0.78	0.59	0.29	0.3	0.54	0.64	0.33	0.38
1908	3	3	0	0	0.01	0.03	0.05	0.01	0.1	0	0	0
1908	3	4	0	0	0	0	0	0	0	0	0	0
1908	3	5	0	0	0	0	0	0	0	0	0	0
1908	3	6	0.38	0.3	0.38	0	0	0.15	0.1	0.05	0.14	0
1908	3	7	0	0.06	0	0.37	0.31	0.03	0.12	0.28	0	0
1908	3	8	0.17	0.03	0	0	0	0	0	0	0	0
1908	3	9	0.16	0.01	0	0	0.02	0	0	0	0	0
1908	3	10	0	0	0	0	0	0	0	0	0	0
1908	3	11	0	0	0	0	0	0	0	0	0	0
1908	3	12	0	0	0	0	0	0	0	0	0	0
1908	3	13	0	0.01	0	0	0	0	0.1	0	0.08	0
1908	3	14	0	0.14	0	0	0.08	0	0	0	0.04	0
1908	3	15	0.16	0.25	0.07	0	0	0.15	0.88	0	0.13	0.08
1908	3	16	0	0	0	0	0.04	0.07	0	0.12	0	0.01
1908	3	17	0	0.12	0.01	0.26	0	0.05	0.02	0.01	0	0
1908	3	18	0.39	0.23	0.02	0.02	0.13	0.05	0.04	0.04	0.02	0
1908	3	19	0.41	0.44	0.15	0.14	0.2	0.02	0.36	0.07	0.16	0
1908	3	20	0	0	0	0	0	0	0	0	0	0
1908	3	21	0	0	0	0	0	0	0	0	0	0
1908	3	22	0	0	0	0	0	0	0.01	0	0	0

1908	3	23	0.3	0.15	0.4	0	0	0.27	0.16	0.08	0.05	0
1908	3	24	0	0.01	0.09	0.4	0.23	0.09	0.17	0.29	0.01	0.05
1908	3	25	0	0	0	0	0	0	0	0	0	0
1908	3	26	0	0	0	0	0	0	0.44	0	0.06	0
1908	3	27	0	0	0	0	0	0	0.08	0	0.24	0.04
1908	3	28	0.01	0	0.01	0.03	0	0.01	0.56	0	0.19	0.85
1908	3	29	0.21	0.6	0.3	0.21	0.02	0.44	0	0.41	0.01	0
1908	3	30	0	0	0	0.12	0.06	0	0	0	0	0
1908	3	31	0.06	0	0	0	0	0	0.06	0	0.04	0
1908	4	1	0	0	0	0	0	0	0	0	0.02	0
1908	4	2	0.15	0.15	0.28	0.23	0.04	0.22	0.22	0.13	0.1	0
1908	4	3	0	0	0	0	0	0	0	0	0	0
1908	4	4	0	0	0	0	0	0	0	0	0	0
1908	4	5	0.12	0.08	0	0	0	0.05	0	0	0	0
1908	4	6	0	0.04	0.09	0.06	0.03	0.02	0.09	0.05	0	0
1908	4	7	0	0	0	0	0	0	0.01	0	0	0
1908	4	8	0.51	0.16	0.24	0.31	0.01	0.24	0.8	0.37	0.34	1.98
1908	4	9	0.02	0.23	0.34	0.32	0.61	0.21	0.11	0.16	0	0.5
1908	4	10	0.09	0.04	0.1	0	0	0	0	0	0	0
1908	4	11	0.05	0.01	0.04	0.07	0	0.02	0.05	0	0.06	0
1908	4	12	0	0	0	0	0.02	0	0	0	0	0
1908	4	13	0	0.02	0	0	0	0.06	0.09	0.05	0.19	0.05
1908	4	14	0	0	0	0	0.02	0	0	0	0	0
1908	4	15	0.34	0.25	0.09	0.06	0	0.14	0.12	0.11	0.01	0
1908	4	16	0	0	0	0	0.25	0	0	0	0	0
1908	4	17	0	0	0	0	0	0	0	0	0	0
1908	4	18	0.11	0.23	0.26	0	0	0.3	0	0.02	0.14	0
1908	4	19	0	0.11	0.13	0.23	0.09	0.1	0.18	0.2	0.09	0
1908	4	20	0	0	0	0	0.01	0	0.02	0	0.06	0.27
1908	4	21	0	0	0	0.01	0.03	0	0	0	0	0
1908	4	22	0	0	0	0	0	0	0	0	0	0
1908	4	23	0	0	0	0	0	0	0	0	0	0
1908	4	24	0	0	0	0	0	0	0	0	0	0
1908	4	25	0	0.05	0.01	0.01	0	0.03	0.08	0	0.06	0
1908	4	26	0	0.04	0.11	0.18	0.19	0.03	0	0.25	0	0
1908	4	27	0	0	0	0	0	0	0.24	0	0.03	0
1908	4	28	0.02	0.02	0.37	0.72	0.72	0.16	0.7	0.15	0.71	1
1908	4	29	0	0	0	0	0	0	0	0.03	0	0.02
1908	4	30	0.86	0.27	0.08	0	0	0.27	0.07	0	0.12	0
1908	5	1	0	0.4	0.66	1.06	0.75	0.28	0.34	0.64	0.29	0.98
1908	5	2	0.01	0.01	0	0	0	0.08	0.02	0	0.27	0
1908	5	3	0	0	0.32	0.46	0.08	0.17	0	0.72	0.76	0.88
1908	5	4	0	0	0.1	0.02	0	0	0.04	0.02	0.02	0

1908	5	5	0	0	0	0	0	0	0	0	0	0
1908	5	6	0.02	0	0	0	0	0	0	0	0	0
1908	5	7	3.82	1.45	0	0	0.07	0.57	0.9	0.05	0.61	1.05
1908	5	8	0.07	0.38	0.96	0.48	1.3	0.59	0.38	0.95	0.05	0.58
1908	5	9	0	0.15	0.11	0.05	0.2	0.17	0.3	0.25	0.24	0.5
1908	5	10	0	0	0	0.22	0.01	0	0.04	0.01	0.1	0
1908	5	11	0	0	0	0	0	0	0	0	0	0
1908	5	12	0	0	0.08	0	0	0.01	0.61	0.02	0.09	0
1908	5	13	0	0	0	0.08	0	0	0.55	0	0.01	0
1908	5	14	0.13	0.24	0.21	0	0.39	0.59	0	0.61	0	1.25
1908	5	15	0.26	0	0	0	0.25	0	0	0	0	0
1908	5	16	0	0	0	0	0	0	0	0	0	0
1908	5	17	0	0	0.08	0.04	0	0.01	0.34	0	0.21	0
1908	5	18	0	0	0	0	0	0	0	0	0	0
1908	5	19	0	0	0	0	0	0	0	0	0	0
1908	5	20	1.21	0	0	0	0.02	0	0.23	0	0.05	0
1908	5	21	0.25	0.29	0	0	0.08	0	0.02	0	0	0.2
1908	5	22	0.81	0.02	0.05	0	0.11	0.65	0	0.53	0	0
1908	5	23	0	0	0.28	0.07	0	0	0	0.32	0	0
1908	5	24	0	0	0	0	0.06	0	0	0	0	0
1908	5	25	0	0	0	0	0	0	0	0	0	0
1908	5	26	0.03	0	0	0	0	0.11	0.31	0	0.05	2
1908	5	27	0	0	0.16	0.39	0	0	0.36	0.12	0.02	0
1908	5	28	0	0	0.01	0.04	0	0	0	0	0	0
1908	5	29	0	0	0.02	0.01	0	0	0.18	0.02	0.01	0
1908	5	30	1.9	0.69	1.4	0	0.98	0.9	0.09	0.02	0.42	0
1908	5	31	0	0.15	0.32	1.37	0.55	0.12	0.9	1.34	0.27	0
1908	6	1	0	0.02	0	0.38	0.01	0	0.01	0	0.05	0.75
1908	6	2	0	0	0	0	0.01	0	0	0	0	0
1908	6	3	0	0	0.03	0	0	0	0	0	0	0
1908	6	4	0	0.02	0	0	0	0	0	0.05	0.03	0
1908	6	5	0	0	0	0	0	0	0	0	0	0
1908	6	6	0	0	0	0	0	0	0	0	0	0
1908	6	7	0	0	0	0	0	0	0	0	0	0
1908	6	8	0	0	0	0	0	0	0	0	0	0
1908	6	9	0	0	0	0	0	0	0	0	0.41	0
1908	6	10	0	0	0	0	0.14	0	0	0	0.01	0
1908	6	11	0	0	0	0	0	0	0	0	0	0
1908	6	12	0	0	0	0	0	0	0	0	0	0
1908	6	13	0	0	0	0	0	0	0	0	0	0
1908	6	14	0	0	0	0	0	0	0.09	0	0.67	0
1908	6	15	0.97	0	0	0	0	0	0.4	0	0.91	0.8
1908	6	16	0.27	0.59	0.42	0.59	1.15	0.17	0	0.28	0.06	1.21

1908	6	17	0	0	0	0	0	0	0	0	0	0
1908	6	18	0	0	0	0	0	0	0	0	0	0
1908	6	19	0	0	0	0	0	0	0	0	0	0
1908	6	20	0	0	0	0	0.05	0	0.08	0	0.15	0.3
1908	6	21	0	0	0	0	0	0	0.01	0	0	0
1908	6	22	0	0	0	0	0	0	0	0	0	0
1908	6	23	0	0	0	0	0	0	0.08	0	0.02	0
1908	6	24	0.03	0.2	0.08	0.06	0.01	0.01	0.05	0.01	0.05	0.05
1908	6	25	0	0	0	0	0.89	0	0	0	0	0
1908	6	26	0	0	0	0	0	0	0	0	0	0
1908	6	27	0	0	0	0	0	0	0	0	0	0
1908	6	28	0	0.12	0	0	0	0	0	0	0	0
1908	6	29	0	0.03	0	0	0	0.11	0.18	1.3	0.06	0
1908	6	30	0	0.1	0	0	0.07	0	0	0	0.04	0
1908	7	1	0	0	0	0	0	0	0	0	0	0
1908	7	2	0	0	0.05	0	0	0	0	0	0	0
1908	7	3	0	0	0	0	0.08	0	0.04	0	0	0
1908	7	4	0.06	0.11	0.01	0	0.02	0.02	0.1	0.02	0.01	0
1908	7	5	0	0	0.22	0.33	0.06	0	0.08	0.2	0	0
1908	7	6	0	0	0	0	0	0	0	0	0	0
1908	7	7	0	0	0	0	0	0	0.57	0	0	0
1908	7	8	0	0	0	0	0	0	0.06	0	0.14	0
1908	7	9	0	0	0	0	0	0	0	0	0	0
1908	7	10	0	0	0	0	0	0	0	0	0	0
1908	7	11	0	0	0	0	0	0	0	0	0	0
1908	7	12	0	0	0	0	0	0	0	0	0	0
1908	7	13	0	0	0	0	1.13	0	0.02	0	0.05	0
1908	7	14	1.47	0.09	0.04	0.38	0.02	0	0.02	0	0	0.22
1908	7	15	0	0.04	0.01	0	0.13	0.01	0.01	0	0.09	0.12
1908	7	16	0	0	0	0	0.21	0	0.01	0	0	0
1908	7	17	0	0	0.41	0	0	0.49	0.73	0.12	0.85	0
1908	7	18	0	0.29	0.42	0.83	0.08	0.02	0.56	0.67	0.59	1
1908	7	19	0	0.03	0.04	0	0.41	0.32	0.41	1.27	0	0
1908	7	20	0	0	0.09	0.57	0	0.02	0.01	0.11	0.02	0
1908	7	21	0.47	0	0	0	0	0	1.18	0	0.04	0
1908	7	22	0.35	0.93	1.06	1.39	0.07	0.84	0.07	0.72	0	0.2
1908	7	23	0.13	0	0	0	0	0	0	0	0	0
1908	7	24	0.23	0	0	0	1.25	0.13	0	0	0	0
1908	7	25	1.09	1.68	0.14	0.16	1.2	0.22	0	0.15	0.66	0.01
1908	7	26	0	0	0	0.07	0.37	0	0	0	0	0
1908	7	27	0	0	0.02	0.04	0	0	0.1	0	0	0
1908	7	28	0	0	0.01	0.51	0	0	0.42	0	0.21	0
1908	7	29	0	0	0	0	0	0	0	0	0	0

1908	7	30	0	0	0.06	0.06	0	0	0	0	0	0.42
1908	7	31	0	0	0	0.04	0	0	0	0	0	0
1908	8	1	0	0	0	0	0.3	0	0	0	0	0
1908	8	2	0	0	0.03	0	0	0	0	0	0	0
1908	8	3	0	0	0	0	0	0	0.05	0	0	0
1908	8	4	0	0.08	0.02	0	0	0.05	0.08	0.15	0.28	0.2
1908	8	5	0.25	0.39	0.77	0.31	0.11	3.32	0.69	1.38	0.04	0.6
1908	8	6	0.25	0.4	0.36	1.1	0.04	0.24	0	0.77	0.01	0
1908	8	7	0.3	1.73	0.3	0.27	0.73	0.08	0.02	0.06	0.03	0
1908	8	8	0	0	0.79	0.02	0.52	0	0.61	0.04	0.02	0.33
1908	8	9	0.03	0	0	0	0	0	0	0	0	0
1908	8	10	0	0	0	0	0	0	0	0	0.16	0
1908	8	11	0.48	0.01	0.97	0.13	0	0.6	0	0.24	0.15	0.31
1908	8	12	0	0	0	0.07	0.38	0	0	0	0.1	0
1908	8	13	0	0.01	0.06	0.03	0	0.08	0.3	0.28	0.38	0
1908	8	14	0	0	0	0.05	0.19	0	0.07	0	0	0
1908	8	15	0	0	0	0	0	0	0.04	0	0	0
1908	8	16	0	0	0	0	0	0	0	0	0	0
1908	8	17	0.02	0.16	0.1	0.12	0.31	0.32	0.47	0.4	0.22	0.4
1908	8	18	0	0	0.02	0.25	0.72	0.02	0	0.02	0.16	0.8
1908	8	19	0	0	0	0	0	0	0.28	0	0.15	0
1908	8	20	0	0	0	0	0	0	0.01	0	0	0
1908	8	21	0	0	0	0.01	0	0	0	0	0	0
1908	8	22	1.26	0.2	0.01	0	0.5	0.27	0.19	0.08	0	0
1908	8	23	0	0	0	0	0.01	0	0	0	0	0
1908	8	24	0	0	0	0	0	0	0.02	0	0	0
1908	8	25	0.05	0	0	0	0	0	0	0	0	0
1908	8	26	3.24	1.37	0.3	0	0.05	0.6	0	0.13	0	0
1908	8	27	0.13	0	0	0	0.07	0	0	0	0	0
1908	8	28	0	0	0	0	0	0	0	0	0	0
1908	8	29	0	0	0	0	0	0	0	0	0	0
1908	8	30	0	0	0	0	0	0	0	0	0	0
1908	8	31	0	0	0	0	0	0	0	0	0	0
1908	9	1	0	0	0	0	0	0	0	0	0	0
1908	9	2	0	0	0	0	0	0	0.14	0	0.13	0
1908	9	3	0	0	0.02	0.08	0.03	0.01	0	0.09	0.21	0
1908	9	4	0	0	0	0	0	0	0	0	0	0
1908	9	5	0	0	0	0	0	0	0	0	0	0
1908	9	6	0.74	0.08	0.03	0	0	0.02	0.35	0	0.16	0
1908	9	7	0	0	0	0	0	0	0	0.01	0	0
1908	9	8	0	0	0	0	0	0	0	0	0	0
1908	9	9	0	0	0	0	0	0	0	0	0	0
1908	9	10	0	0	0	0	0	0	0	0	0	0

1908	9	11	0	0	0	0	0	0	0	0	0	0
1908	9	12	0	0	0	0	0	0	0	0	0	0
1908	9	13	0	0	0	0	0	0	0	0	0	0
1908	9	14	0	0	0	0	0	0	0	0	0	0
1908	9	15	0	0	0	0	0	0	0	0	0	0
1908	9	16	0	0	0	0	0	0	0	0	0	0
1908	9	17	0	0	0	0	0	0	0	0	0	0
1908	9	18	0	0	0	0	0	0	0.03	0	0.01	0.1
1908	9	19	0	0	0	0	0	0	0	0	0	0
1908	9	20	0	0	0	0	0	0	0	0	0	0
1908	9	21	0	0	0	0	0	0	0	0	0	0
1908	9	22	0	0	0	0	0	0	0	0	0	0
1908	9	23	0	0	0	0	0	0	0.02	0	0	0
1908	9	24	0	0	0.05	0	0	0	0.39	0	0	0
1908	9	25	0	0	0	0	0	0	0	0	0	0
1908	9	26	0	0	0	0	0	0	0	0	0	0
1908	9	27	0	0	0	0	0	0	0	0	0	0
1908	9	28	0.7	0.15	0	0	0	0.03	0.08	0	0.03	0
1908	9	29	0.47	0.45	0.59	0.84	0.61	0.39	0.79	0.51	0.61	1
1908	9	30	0	0	0	0	0	0	0	0	0	0
1908	10	1	0	0.36	0	0	0	0	0.04	0	0.25	0
1908	10	2	0.03	0.38	0.62	0.7	0.4	0.18	0.02	0.11	0.52	0.45
1908	10	3	0	0	0	0	0.03	0	0	0	0	0
1908	10	4	0	0	0	0	0	0	0.07	0	0	0
1908	10	5	0	0	0	0	0	0	0	0	0	0
1908	10	6	0	0	0	0	0	0	0	0	0	0
1908	10	7	0	0	0	0	0	0	0	0	0	0
1908	10	8	0	0	0	0	0	0	0	0	0	0
1908	10	9	0	0	0	0	0	0	0.01	0	0.03	0
1908	10	10	0.2	0	0	0	0	0	0	0	0	0
1908	10	11	0	0.11	0.51	0.81	0.29	0.49	0.82	0.33	0.52	0.35
1908	10	12	0	0	0	0	0.02	0	0.03	0	0	0
1908	10	13	0	0	0	0	0	0	0	0	0	0
1908	10	14	0	0	0	0	0	0	0	0	0	0
1908	10	15	0	0	0	0	0	0	0	0	0	0
1908	10	16	0	0	0	0	0	0	0	0	0	0
1908	10	17	0	0	0	0	0	0	0	0	0	0
1908	10	18	0	0	0	0	0	0	0.03	0	0	0
1908	10	19	0	0	0	0	0	0	0	0	0	0
1908	10	20	0	0	0	0	0	0	0	0	0	0
1908	10	21	0	0	0	0	0	0	0	0	0	0
1908	10	22	0	0	0	0	0	0	0	0	0	0
1908	10	23	0	0	0	0	0	0	0	0	0	0

1908	10	24	0	0	0	0	0	0	0	0	0	0
1908	10	25	0	0	0	0	0	0	0.01	0	0	0
1908	10	26	0.31	1.46	0.68	0	0	0.27	0.18	0.04	0.3	0.08
1908	10	27	0.02	0	0.73	1.06	0.72	0	0.18	0.18	0	0.1
1908	10	28	0.29	0.12	0.08	0	0.06	0.35	0.06	0.16	0.32	0.2
1908	10	29	0.48	0.44	0.32	0.51	0.55	0.1	0.04	0.4	0	0.05
1908	10	30	0.05	0.83	0.71	1.07	0	0.23	0	0.1	0.01	0
1908	10	31	0	0	0	0.01	0	0	0	0	0	0
1908	11	1	0	0	0	0	0	0	0	0	0	0
1908	11	2	0	0	0	0	0	0	0	0	0	0
1908	11	3	0	0	0	0	0	0	0.1	0	0	0
1908	11	4	0	0	0	0	0.02	0	0.06	0.02	0.03	0
1908	11	5	0	0	0	0	0	0	0	0	0	0
1908	11	6	0	0	0	0	0	0	0	0	0	0
1908	11	7	0	0	0	0	0	0	0	0	0	0
1908	11	8	0	0.02	0.17	0.18	0	0.05	0.06	0.08	0.02	0.01
1908	11	9	0	0	0	0	0	0.01	0	0.01	0	0
1908	11	10	0	0	0	0	0	0	0.16	0	0.17	0.02
1908	11	11	0	0.1	0.18	0.08	0.01	0.09	0.29	0.19	0.08	0.15
1908	11	12	0	0.01	0	0.09	0.16	0	0	0.04	0.04	0
1908	11	13	0	0	0	0	0	0	0	0	0	0
1908	11	14	0.49	0.06	0	0	0	0.08	0	0	0.2	0
1908	11	15	0.17	0.41	0.52	0.6	0.17	0.22	0.37	0.46	0.08	0.21
1908	11	16	0	0	0	0	0	0	0.28	0	0	0
1908	11	17	0	0	0	0	0	0	0.37	0.01	0	0
1908	11	18	0.05	0.05	0.24	0.15	0	0.2	0.06	0.11	0.02	0.1
1908	11	19	0	0.06	0.15	0.01	0	0.01	0.25	0.03	0.22	0.15
1908	11	20	0	0.01	0.02	0.13	0.03	0	0.02	0.08	0	0
1908	11	21	0	0	0	0	0	0	0	0	0	0
1908	11	22	0	0	0	0	0	0	0	0	0	0
1908	11	23	0	0	0	0	0	0	0	0	0	0
1908	11	24	0	0	0	0	0	0	0.14	0	0	0
1908	11	25	0	0	0.01	0	0.01	0.07	0.15	0.06	0.09	0.12
1908	11	26	0	0.02	0.04	0.14	0	0.08	0.16	0.12	0.03	0.2
1908	11	27	0	0	0	0	0	0	0	0	0	0
1908	11	28	0	0	0	0	0	0	0	0	0	0
1908	11	29	0	0	0	0	0	0	0	0	0	0
1908	11	30	0	0	0.01	0.02	0	0	0.3	0.02	0.05	0
1908	12	1	0	0	0	0.07	0	0.01	0.01	0	0	0
1908	12	2	0	0	0	0	0	0	0	0	0	0
1908	12	3	0	0	0	0	0.03	0	0	0	0	0
1908	12	4	0	0.17	0.05	0	0	0	0.4	0	0.01	0
1908	12	5	0	0	0	0.02	0.02	0	0	0	0	0

1908	12	6	0.05	0	0	0	0	0	0.02	0	0	0
1908	12	7	1.98	1.1	1.13	1.75	0.45	1.45	1.4	1.7	0.79	0.75
1908	12	8	0	0	0	0.04	0.38	0	0.05	0	0.01	0
1908	12	9	0	0	0	0	0	0	0.02	0	0.03	0
1908	12	10	0	0	0	0.01	0	0	0	0	0	0
1908	12	11	0.2	0.2	0.4	0.15	0	0.22	0.57	0.32	0.07	0.18
1908	12	12	0.18	0.48	0.32	0.43	0.16	0.15	0.06	0.11	0.19	0.16
1908	12	13	0.01	0	0.06	0	0	0	0.01	0	0.01	0
1908	12	14	0	0	0	0.05	0	0	0.09	0	0.01	0
1908	12	15	0	0	0.11	0.06	0.12	0	0.02	0	0.01	0
1908	12	16	0	0	0	0	0	0	0	0	0.01	0
1908	12	17	0.11	0	0	0	0	0	0	0	0	0
1908	12	18	0.41	0.24	0.33	0.08	0.2	0.34	1.2	0.42	0.27	0.14
1908	12	19	0	0	0	0.15	0.06	0	0.1	0.08	0	0
1908	12	20	0	0	0	0	0.02	0	0.03	0	0.01	0
1908	12	21	0	0	0.02	0.04	0	0	0.21	0	0.01	0
1908	12	22	0.08	0	0	0	0	0	0	0	0	0
1908	12	23	0.05	0	0	0	0	0	0	0	0	0
1908	12	24	0	0	0	0	0	0	0.1	0.01	0.01	0
1908	12	25	0	0	0.02	0.03	0.04	0	0.23	0.1	0.05	0
1908	12	26	0	0	0.01	0	0	0.07	0.14	0	0.05	0
1908	12	27	0	0	0	0	0	0	0	0	0.01	0
1908	12	28	0	0	0	0	0	0	0.06	0	0	0
1908	12	29	0	0	0	0	0	0	0.11	0	0	0
1908	12	30	0.12	0.21	0.47	0.01	0	0.01	0.43	0.05	0.04	0.15
1908	12	31	0	0.07	0	0.39	0.1	0.02	0.09	0.3	0	0
1909	1	1	0	0	0	0	0.01	0	0	0	0	0
1909	1	2	0	0	0	0	0.01	0	0.12	0	0	0
1909	1	3	0.01	0	0	0	0	0	0	0	0	0
1909	1	4	0	0.01	0	0	0.08	0	0.04	0	0	0
1909	1	5	1.5	0.05	0.47	0.77	0.05	0.56	0.25	1.14	0.3	0.3
1909	1	6	0.01	0.71	0.79	1.52	0.69	0.46	0.6	0.63	0.1	0.25
1909	1	7	0	0	0	0	0	0	0	0	0	0
1909	1	8	0	0	0	0	0	0	0	0	0	0
1909	1	9	0	0	0	0	0	0	0	0	0	0
1909	1	10	0	0	0.03	0.07	0.01	0.01	0.04	0.01	0	0
1909	1	11	0	0	0	0.03	0.01	0	0.09	0	0	0
1909	1	12	0	0.26	0.34	0.13	0.01	0.44	0.33	0.38	0.31	0.4
1909	1	13	0.35	0	0	0.14	0.45	0.01	0	0	0	0
1909	1	14	0.18	0.36	0.09	0.04	0.14	0.19	0.02	0.13	0	0
1909	1	15	0	0.07	0	0.07	0.01	0	0.16	0.04	0	0
1909	1	16	0.1	0.01	0	0	0	0	0	0	0	0
1909	1	17	0.62	1.25	1.07	0.45	0.4	0.6	0.5	1.15	0.61	0.7

1909	1	18	0	0	0	0.39	0.41	0	0	0	0	0
1909	1	19	0	0	0.04	0.02	0	0	0.24	0	0	0
1909	1	20	0	0	0	0.08	0	0	0.04	0.05	0.06	0.06
1909	1	21	0	0	0	0	0	0	0	0	0.06	0
1909	1	22	0	0	0	0	0	0.05	0.26	0	0.05	0
1909	1	23	0.01	0.02	0.09	0.07	0	0.11	0.82	0.05	0.26	0
1909	1	24	0	0.71	0.32	0.65	0.23	0.05	0.45	0.48	0.15	0.4
1909	1	25	0	0.02	0.13	0.43	0.19	0	0.3	0.21	0.07	0.06
1909	1	26	0	0	0	0.12	0	0	0.12	0	0.02	0
1909	1	27	0	0	0	0	0	0	0.17	0	0.02	0
1909	1	28	0	0.03	0	0	0	0	0.03	0	0.07	0
1909	1	29	0.19	0.05	0	0	0	0	0	0	0	0
1909	1	30	0.35	0.39	1.34	0.18	0.22	0.5	0	0.39	0.3	0.45
1909	1	31	0	0	0	0.5	0.08	0	0	0	0	0
1909	2	1	0	0	0	0	0	0	0	0	0	0
1909	2	2	0	0	0	0	0	0	0	0	0.01	0
1909	2	3	0	0	0	0	0.02	0	0	0	0	0
1909	2	4	0	0	0	0	0	0	0.12	0	0	0
1909	2	5	0	0	0	0	0	0	0.01	0	0	0
1909	2	6	0.06	0	0	0	0	0.01	0.18	0.01	0.04	0.45
1909	2	7	0	0	0	0	0	0	0	0	0	0
1909	2	8	0	0	0	0	0	0	0	0	0	0
1909	2	9	0.14	0	0	0	0	0.03	0	0	0	0
1909	2	10	0.82	1.13	1.3	0.93	0.2	1	0.48	1.22	0.61	0.42
1909	2	11	0	0	0	0.13	0.48	0	0.04	0	0	0
1909	2	12	0	0	0	0	0.02	0	0	0	0	0
1909	2	13	0	0.01	0	0	0	0	0.26	0	0.03	0
1909	2	14	0.22	0.25	0.1	0	0	0.05	0.34	0	0.31	0
1909	2	15	0	0.19	0.6	0.51	0.31	0.07	0.26	0.68	0.9	0.75
1909	2	16	0.59	0.74	0.73	0.73	0.24	0.19	0.04	0.62	0.78	0.65
1909	2	17	0	0	0.01	0	0.22	0.01	0.27	0.12	0.06	0.05
1909	2	18	0	0	0	0	0	0	0	0	0.03	0
1909	2	19	0.47	0.1	0.03	0	0	0.3	0.04	0.03	0.41	0.05
1909	2	20	0.01	0.72	0.92	1.41	1.63	0.55	1.27	1.02	0.76	1.05
1909	2	21	0.05	0	0	0	0	0	0	0	0	0
1909	2	22	0	0	0	0	0	0	0	0	0	0
1909	2	23	1.35	0.1	0.07	0	0	0	0	0	0.01	0.01
1909	2	24	0.82	1.42	1.29	0.76	0.46	1.04	0.75	0.72	0.23	0.34
1909	2	25	0	0	0.02	0.48	0.3	0	0	0.16	0	0
1909	2	26	0	0	0	0	0	0	0	0	0	0
1909	2	27	0	0	0	0	0	0	0	0	0	0
1909	2	28	0	0.05	0	0	0.12	0	0	0	0	0
1909	3	1	0	0	0	0	0	0	0	0	0	0

1909	3	2	0.39	0.18	0.37	0.41	0	0.27	0.57	0.23	0	0
1909	3	3	0	0.04	0	0	0	0	0	0	0	0
1909	3	4	0.38	0.3	0.28	0.12	0.1	0.12	0.6	0.38	0.4	0.3
1909	3	5	0	0	0.04	0.4	0.45	0.05	0.29	0.02	0.06	0.15
1909	3	6	0	0	0	0	0	0	0	0	0	0
1909	3	7	0.03	0.01	0.07	0	0	0	0	0	0.2	0.18
1909	3	8	0	0	0	0	0.03	0	0	0.1	0	0
1909	3	9	0.15	0.23	0.04	0	0	0.05	0.02	0.05	0.04	0.02
1909	3	10	0	0.39	0.25	0.2	0.28	0.13	0.38	0.2	0.1	0.15
1909	3	11	0	0	0	0	0	0	0.07	0	0	0
1909	3	12	0	0	0	0	0	0	0	0	0	0
1909	3	13	0.05	0.02	0	0	0	0	0	0	0	0
1909	3	14	0	0	0	0	0.11	0	0	0	0	0
1909	3	15	0	0	0	0	0	0	0	0	0	0
1909	3	16	0	0	0	0	0	0	0	0	0	0
1909	3	17	0	0.09	0.17	0.4	0.02	0.05	0.12	0.13	0.06	0.1
1909	3	18	0	0	0	0	0.03	0	0	0	0	0
1909	3	19	0	0	0	0	0	0	0	0	0.06	0
1909	3	20	0	0.08	0.18	0.06	0.09	0.25	0.19	0.18	0.24	0.24
1909	3	21	0	0	0	0	0	0	0	0	0	0
1909	3	22	0	0	0	0	0	0	0	0	0	0
1909	3	23	0	0	0	0	0	0	0	0	0	0
1909	3	24	0.01	0	0	0	0	0	0	0	0	0
1909	3	25	2.12	1.5	1.02	0.05	0.12	1.34	0.68	0.89	0.33	0.4
1909	3	26	0	0	0.05	1.72	0.87	0.12	0.84	1.02	0.2	0.05
1909	3	27	0	0.01	0.02	0	0	0.01	0.14	0.03	0.1	0.11
1909	3	28	0.27	0.43	0.27	0.46	0	0.14	0.04	0.07	0	0
1909	3	29	0	0	0	0.15	0.01	0	0	0	0	0
1909	3	30	0.17	0	0	0	0	0	0.01	0	0.02	0
1909	3	31	0	0	0	0	0	0	0	0	0	0
1909	4	1	0	0	0	0	0	0	0	0	0	0
1909	4	2	0	0	0	0	0	0	0	0	0	0
1909	4	3	0.05	0.16	0.02	0	0	0.27	0.08	0.07	0.07	0.1
1909	4	4	0	0	0	0	0.03	0	0	0	0	0
1909	4	5	0	0	0	0	0	0	0	0	0	0
1909	4	6	0	0	0	0	0	0.01	0.13	0	0.02	0
1909	4	7	0	0	0	0.03	0.04	0	0.4	0	0	0.05
1909	4	8	0	0	0	0	0	0	0	0	0	0
1909	4	9	0	0.14	0.22	0.41	0	0.08	0.07	0.16	0.18	0
1909	4	10	0	0	0	0.02	0	0.02	0	0	0.02	0.05
1909	4	11	0	0	0	0	0	0	0	0	0	0
1909	4	12	0	0	0	0	0	0	0	0	0	0
1909	4	13	0.04	0	0	0	0	0	0	0	0.05	0

1909	4	14	2.72	0.9	0.5	0.53	0.25	0.93	0.5	0.66	0.63	0.6
1909	4	15	0.36	0.78	0.76	1.19	0.83	0.44	0.05	0.76	0.37	0.4
1909	4	16	0	0	0	0	0.05	0	0	0	0.02	0
1909	4	17	0	0	0.18	0.18	0	0.06	0.22	0.23	0.22	0.06
1909	4	18	0	0	0	0.02	0	0	0.06	0	0.1	0
1909	4	19	0.31	0.01	0.15	0.19	0	0.04	0.59	0.01	0.26	0.1
1909	4	20	0.52	0.04	0	0	0.07	0	0.04	0	0	0
1909	4	21	0.15	0.12	0.17	0	0	0.24	0.01	0	0.02	0
1909	4	22	0.15	0.13	0.29	0.44	0.16	0.11	0	0.4	0.03	0
1909	4	23	0.26	0.5	0.2	0.1	0	0.23	0	0.17	0	0
1909	4	24	0	0	0	0	0.04	0	0	0	0	0
1909	4	25	0	0.01	0.02	0	0	0	0.4	0	0.11	0.02
1909	4	26	0	0	0	0.01	0.07	0	0	0.11	0	0
1909	4	27	0.12	0	0	0	0	0.01	0	0	0.02	0
1909	4	28	0.29	0.72	0.44	0.64	0.19	0.43	0.11	0.52	0	0
1909	4	29	0.91	0	0	0	0	0	0	0	0	0
1909	4	30	0.25	0.41	0.18	0.05	0.25	0.17	0.37	0.16	0.55	0.55
1909	5	1	0.16	1	0.27	0.28	0.15	0.23	1.22	0.36	0.41	0.4
1909	5	2	0	0.05	0	0.02	0.25	0	0.05	0	0	0
1909	5	3	0	0	0	0	0.08	0	0.12	0	0	0.25
1909	5	4	0	0.08	0.07	0.18	0.51	0	0	0.08	0	0
1909	5	5	0	0.02	0.02	0.2	0	0.05	0.02	0.05	0.06	0
1909	5	6	0	0	0	0	0.02	0	0.09	0	0.01	0
1909	5	7	0	0.21	0.04	0.1	0.04	0.13	0.61	0.21	0.53	0.7
1909	5	8	0	0	0	0	0.08	0	0	0	0	0
1909	5	9	0	0	0.01	0	0	0	0.23	0	0.25	0
1909	5	10	0.01	0	0.01	0	0	0.01	1.1	0.03	1.65	0.6
1909	5	11	0	0.05	0.13	0.22	0.28	0.09	0.4	0.02	0.3	1.5
1909	5	12	0	0	0	0	0	0	0	0	0	0
1909	5	13	0	0	0	0	0	0	0	0	0	0
1909	5	14	0.21	0.01	0.35	0.04	0.07	0	0.11	0	0	0
1909	5	15	0.07	0	0	0	0.01	0	0	0	0	0
1909	5	16	0	0.27	1.1	0.3	0.41	0.33	0.65	0.31	0.5	0.55
1909	5	17	0	0.03	0.02	0.04	0.25	0.01	0.19	0.15	0.75	0.34
1909	5	18	0	0	0.07	0.06	0.11	0.03	0	0.14	0.01	0
1909	5	19	0	0	0	0	0	0	0	0	0	0
1909	5	20	0	0	0	0	0	0	0	0.02	0.18	0
1909	5	21	0.4	0	0	0	0	0	0.03	0	0	0
1909	5	22	0.4	0.32	0	0	0.06	0	0	0	0	0
1909	5	23	0	0.05	0	0	0.08	0.04	0	0.01	0.01	0
1909	5	24	0	0	0	0	0	0	0	0	0	0
1909	5	25	0	0	0.03	0.33	0	0	0	0.02	0	0
1909	5	26	0	0	0	0	0	0	0	0	0	0

1909	5	27	0.13	0.13	0.24	0	0	0.18	0	0.06	0.01	0
1909	5	28	0.09	0.1	0.52	0.38	0.4	0.24	1.02	0.54	0.76	1
1909	5	29	0	0.01	0.07	0.4	0.04	0.01	0.09	0.05	0.15	0.4
1909	5	30	0	0	0	0	0.02	0	0	0	0	0
1909	5	31	0	0	0	0	0	0	0	0	0	0
1909	6	1	0	0	0	0	0	0	0	0	0	0
1909	6	2	0.11	0	0	0	0	0	0	0	0	0
1909	6	3	0	0	0	0	0	0	0	0	0	0
1909	6	4	0.85	0	0	0	0	0	0	0	0	0
1909	6	5	0.02	2.43	0.37	0.1	0.12	1.07	0.11	0	1.01	1.1
1909	6	6	0	0.07	0.04	0.13	0.44	0.16	0.04	1.68	0	0
1909	6	7	0	0	0	0	0	0	0	0	0	0
1909	6	8	0	0	0	0	0	0	0	0	0	0
1909	6	9	0.37	0	0	0	0	0	0	0	0	0
1909	6	10	0	0.37	0.13	0.02	0	0.33	0	0.34	0.03	0.26
1909	6	11	0	0	0	0	0.66	0.03	0	0.01	0	0.24
1909	6	12	0	0	0	0	0.01	0	0	0	0	0
1909	6	13	0.46	0.33	0.01	0	0	0.08	0.06	0	0.31	0.33
1909	6	14	0	0.45	0.11	0.12	0.1	0.09	0.59	0.05	0	0
1909	6	15	0	0	0	0	0.01	0	0	0	0	0
1909	6	16	0	0	0	0	0	0	0	0	0	0
1909	6	17	0.17	0	0.02	0	0	0.76	0.41	0	1.46	0
1909	6	18	0.02	0.5	1.25	1.97	1.02	0.6	0.19	1.46	0.54	1.1
1909	6	19	0	0	0	0	0.01	0	0	0	0.03	0
1909	6	20	0	0	0	0	0	0	0	0	0	0
1909	6	21	0	0	0	0.21	0	0	0	0	0	0
1909	6	22	0	0	0	0	0	0	0	0	0	0
1909	6	23	0	0.01	0.18	0.11	0.11	0	0.19	0	0.18	0
1909	6	24	0	0	0	0	0.04	0	0	0	0	0
1909	6	25	0.04	0	0	0.2	0	0	0	0	0	0
1909	6	26	0	0	0	0	0	0	0	0	0	0
1909	6	27	0.31	0	0	0	0	0	0	0	0	0
1909	6	28	0.67	0.29	0	0	0	0	0.03	0	0	0
1909	6	29	0	0	0.22	0.02	0.22	0	0	0	0	0
1909	6	30	0	0	0	0.02	0	0	0.01	0	0.01	0
1909	7	1	0	0	0	0	0	0	0	0	0	0
1909	7	2	0	0	0	0	0	0	0.11	0	0.05	0
1909	7	3	0	0.2	0.93	0.9	0.49	1.04	1.61	1.05	0.51	0.55
1909	7	4	0	0	0	0	0	0	0.03	0	0	0
1909	7	5	0	0	0	0	0	0.01	0	0	0	0
1909	7	6	0	0	0.04	0.04	0	0.2	0.16	0	0.15	0.1
1909	7	7	0.04	0	0	0	0	0	0	0.01	0	0
1909	7	8	0	0	0.26	0.53	0	0	0	0	0.01	0

1909	7	9	0	0	0	0	0	0	0	0	0	0
1909	7	10	0	0	0	0	0	0	0	0	0.2	0
1909	7	11	0	0	0	0	0	0	0.02	0	0.04	0.15
1909	7	12	0	0	0	0	0	0	0.1	0	0	0
1909	7	13	0.01	0	0	0	0	0	0.2	0	0	0
1909	7	14	0	0	0	0	0	0	0	0	0	0
1909	7	15	0	0	0	0	0	0.06	0	0.07	0	0
1909	7	16	0.01	0.31	0.02	0.05	0.08	0.09	0.46	1.01	0.34	0.39
1909	7	17	0	0	0.32	0.05	0.29	0	0	0.07	0.09	0.03
1909	7	18	0	0.39	0.04	0	0	0	0.08	0.06	1.6	0.31
1909	7	19	0	0.04	0.17	0.33	0.12	0	0.15	0	0.89	0.49
1909	7	20	0	0	0.01	0	0	0	0	0	0	0
1909	7	21	0	0	0	0	0	0	0	0	0	0
1909	7	22	0	0	0	0	0	0	0	0	0	0
1909	7	23	1.8	0.03	0.02	0	0.08	0.4	0.04	0.12	0.05	0.1
1909	7	24	0	0	0.15	0.12	0.46	0.27	0.56	0.6	0.11	0.22
1909	7	25	0	0	0	0	0.17	0	0.01	0.01	0.01	0
1909	7	26	0	0	0	0	0	0	0	0	0	0
1909	7	27	0	0	0	0	0	0	0	0	0	0
1909	7	28	0	0	0	0	0.05	0	0	0	0	0
1909	7	29	0	0	0	0	0	0	0.04	0	0	0
1909	7	30	0.31	0	0.18	0.17	0	0.07	0.08	0.08	0	0.05
1909	7	31	0	0	0	0	0	0	0	0	0.01	0.4
1909	8	1	0	0	0	0	0	0	0	0.01	0	0
1909	8	2	0	0	0	0	0	0	0	0	0	0
1909	8	3	0	0	0	0	0	0	0	0	0	0
1909	8	4	2.37	0.04	0	0	0	0	0	0	0	0
1909	8	5	0	0.76	0.12	0.05	0.65	1.04	0	0.78	0.07	0.25
1909	8	6	0.04	0.05	0	0	0.27	0.01	0	0	0.04	0
1909	8	7	0	0	0	0	0	0	0	0	0	0
1909	8	8	0	0	0	0	0	0	0	0	0	0
1909	8	9	0	0	0	0	0	0	0.1	0	0.04	0
1909	8	10	0	0	0	0	0	0	0.11	0	0.17	0.15
1909	8	11	0	0	0	0.01	0	0	0	0	0	0
1909	8	12	0	0	0	0	0	0	0	0	0	0
1909	8	13	0.81	0	0	0.02	0.06	0	0	0	0	0
1909	8	14	0	0	0	0	0	0	0	0	0	0
1909	8	15	0.03	0	0	0	0	0	0	0	0.02	0
1909	8	16	4.8	0.01	0	0	0.16	0.18	0.93	0.17	0.45	1.35
1909	8	17	0.35	1.92	0.84	0.3	0.17	1.27	0.16	0.29	0.18	0.5
1909	8	18	0.01	0.34	0.28	0.82	0.49	0.06	0.4	0.43	0.03	0.1
1909	8	19	0	0	0.12	0.03	0.11	0.01	0.03	0	0.02	0.14
1909	8	20	0.09	0.07	0.1	0.1	0	0.24	0.01	0.1	0.38	0.3

1909	8	21	0	0	0	0	0.33	0	0	0	0	0
1909	8	22	0	0	0	0	0	0	0	0	0	0
1909	8	23	0	0	0	0.04	0	0	0	0	0.03	0
1909	8	24	0	0	0	0	0	0	0	0	0	0
1909	8	25	0	0	0	0	0	0	0	0	0	0
1909	8	26	0	0	0.22	0.18	0	0	0.17	0.05	1.18	0.24
1909	8	27	0	0	0	0	0.04	0	0	0	0	0
1909	8	28	0	0	0	0	0	0	0	0	0	0
1909	8	29	0	0.36	0	0.04	0	0.04	0.29	0.03	0.22	0.25
1909	8	30	0	0	0	0	0.14	0	0	0	0	0
1909	8	31	0	0	0	0	0	0	0.04	0	0	0
1909	9	1	0	0.52	0.05	0.05	0.24	0.06	0.81	0.04	0.12	0.34
1909	9	2	0	0	0	0	0.1	0	0.02	0	0	0
1909	9	3	0	0	0	0	0	0	0	0	0	0
1909	9	4	0	0	0.11	0	0	0.2	0.21	0	0.02	0
1909	9	5	0.27	0.11	0.61	0.87	0.11	0.27	0.67	0.33	0.18	0.15
1909	9	6	0	0	0	0	0.05	0	0	0	0	0
1909	9	7	0	0	0	0	0	0	0	0	0	0
1909	9	8	0	0	0	0	0	0	0	0	0	0
1909	9	9	0	0	0	0	0	0	0	0	0	0
1909	9	10	0.74	0.41	0.18	0.04	0	0.27	0.58	0.07	0.43	0.02
1909	9	11	0	0.5	0.05	0.13	0.57	0.31	0.23	0.12	0.01	0
1909	9	12	0	0	0	0	0	0	0	0	0	0
1909	9	13	0	0	0	0	0	0	0	0	0	0
1909	9	14	0	0	0	0	0	0	0.04	0	0.02	0
1909	9	15	0	0	0.02	0	0	0	0	0	0	0.2
1909	9	16	0	0	0	0	0	0	0.3	0	0.14	0
1909	9	17	0.02	0.18	0.46	0.54	0.12	0.02	0.11	0.21	0	0
1909	9	18	0	0	0	0	0	0.46	0	0	0	0
1909	9	19	0	0	0	0	0	0	0	0	0	0
1909	9	20	0	0	0	0	0	0	0	0	0	0
1909	9	21	0	0	0	0	0	0	0	0	0	0
1909	9	22	0.32	0.01	0	0	0	0	0.01	0	0	0
1909	9	23	0	0.53	0	0	0	0	0.18	0.01	1.1	0
1909	9	24	0.49	0.97	0.7	0.35	0.28	0	0.07	0.4	0.4	0.6
1909	9	25	0	0.05	0.01	0.03	0	0.41	0	0.11	0	0
1909	9	26	0	0.86	0.74	0.25	0	0.06	0	0.05	0	0.28
1909	9	27	0.24	0.37	0.25	1.1	0.02	0.64	0.41	0.96	0.5	1.63
1909	9	28	0.57	0.64	1.5	1.89	1.39	0.55	1.02	1.22	1.35	0
1909	9	29	0	0	0	1.14	0	0.9	0	0	0	0
1909	9	30	0	0	0	0	0	0	0.3	0	0.09	0.02
1909	10	1	0	0	0	0	0	0	0.04	0	0	0.05
1909	10	2	0	0	0	0.08	0	0	0.25	0	0.64	0.05

1909	10	3	0	0	0	0.02	0	0	0	0	0	0
1909	10	4	0	0	0	0	0	0	0	0	0	0
1909	10	5	0	0	0	0	0	0	0	0	0	0
1909	10	6	0	0	0	0	0	0	0	0	0	0
1909	10	7	0	0	0	0	0	0	0	0	0	0
1909	10	8	0	0	0	0	0	0	0	0	0	0
1909	10	9	0	0	0	0	0	0	0	0	0	0
1909	10	10	0	0	0	0	0	0	0	0	0	0
1909	10	11	0.01	0	0.01	0	0	0	0	0	0	0
1909	10	12	0.2	0.17	0.15	0.34	0.26	0.21	0.12	0.29	0.22	0.15
1909	10	13	0	0	0	0.01	0	0	0	0	0	0
1909	10	14	0	0	0	0	0	0	0	0	0	0.05
1909	10	15	0.12	0.16	0.32	0.28	0.07	0.05	0.01	0.09	0.02	0
1909	10	16	0	0	0	0.02	0	0	0.03	0	0.07	0.05
1909	10	17	0	0	0	0.01	0.05	0	0	0	0	0
1909	10	18	0	0	0	0	0.02	0	0	0	0	0
1909	10	19	0	0	0	0	0.01	0	0	0	0	0
1909	10	20	0	0	0	0	0	0	0	0	0	0
1909	10	21	0.01	0.17	0.18	0	0	0.24	0.32	0	0.12	0.07
1909	10	22	0.01	0.27	0.16	0.29	0.14	0.01	0.12	0.18	0.03	0.2
1909	10	23	0.27	0	0.03	0.02	0.01	0.07	0	0	0.02	0.3
1909	10	24	0.02	0.25	0.25	0.26	0.25	0.15	0	0.2	0.01	0
1909	10	25	0	0.04	0.35	0.45	0.02	0.05	0	0.1	0	0.02
1909	10	26	0	0	0	0	0	0	0	0	0	0
1909	10	27	0.02	0	0.04	0	0	0	0	0	0	0
1909	10	28	0	0.01	0.01	0.1	0	0	0	0	0	0
1909	10	29	0	0	0	0	0	0	0	0	0	0
1909	10	30	0	0	0	0	0	0	0	0	0	0
1909	10	31	0	0	0	0	0	0.04	0	0.02	0	0
1909	11	1	0	0	0	0	0	0	0	0	0	0
1909	11	2	0.04	0.04	0	0	0	0.02	0.07	0.05	0.08	0.1
1909	11	3	0	0.42	0.69	0.9	0	0.2	0.01	0.12	0	0
1909	11	4	0.01	0	0	0.07	0.01	0	0.08	0	0.18	0.15
1909	11	5	0	0	0	0.13	0	0	0	0	0	0
1909	11	6	0	0	0	0	0	0	0	0	0	0
1909	11	7	0	0	0	0	0	0	0	0	0	0
1909	11	8	0	0.02	0.21	0.2	0	0.05	0.56	0.13	0.19	0.25
1909	11	9	0	0	0	0	0.04	0	0	0.02	0	0
1909	11	10	0	0	0	0	0	0	0	0	0	0
1909	11	11	0	0	0	0	0	0	0	0	0	0
1909	11	12	0	0	0	0	0	0	0	0	0	0
1909	11	13	0	0	0	0	0	0	0	0	0	0
1909	11	14	0	0	0	0	0	0	0	0	0	0

1909	11	15	0	0	0	0	0	0	0.02	0	0	0
1909	11	16	0	0	0	0	0	0	0.03	0	0.01	0
1909	11	17	0.05	0.07	0.31	0.44	0.04	0.24	0.64	0.43	0.05	0.34
1909	11	18	0	0	0	0.02	0	0	0	0	0.01	0
1909	11	19	0	0	0	0	0	0	0.02	0	0	0
1909	11	20	0	0	0	0.01	0	0	0.1	0	0	0
1909	11	21	0	0	0	0	0	0	0.03	0	0	0
1909	11	22	0	0	0.06	0	0	0.08	1.12	0.09	0.13	0.1
1909	11	23	0.24	0.18	0.01	0.12	0.09	0	0.31	0.06	0.09	0.15
1909	11	24	0.47	2.11	0.44	0.08	0	0.54	0.01	0.45	0.25	0
1909	11	25	0.46	1.05	0.9	1.6	0.63	0.74	0.63	0.95	0.45	0.4
1909	11	26	0	0.04	0.09	0.2	0.09	0	0.05	0.11	0.06	0
1909	11	27	0	0	0	0	0	0	0	0	0	0
1909	11	28	0	0	0	0	0	0	0.14	0	0.14	0.05
1909	11	29	0.09	0.18	0.12	0.11	0.14	0.25	0.24	0.24	0.02	0
1909	11	30	0	0	0	0	0	0	0	0	0	0
1909	12	1	0	0	0	0	0	0	0	0	0	0
1909	12	2	0	0	0.02	0.02	0	0	0	0	0	0
1909	12	3	0	0	0	0	0	0	0	0	0	0
1909	12	4	0	0	0	0	0	0	0	0	0	0
1909	12	5	0	0	0	0	0	0	0	0	0	0
1909	12	6	0	0	0	0	0	0	0	0	0	0
1909	12	7	0.55	0.34	0.25	0	0	0.49	0.16	0.12	0.1	0.12
1909	12	8	0	0.06	0.29	0.51	0.17	0.08	0.09	0.42	0	0
1909	12	9	0	0	0	0	0	0	0.09	0	0	0
1909	12	10	0	0	0	0	0	0	0.12	0	0.01	0
1909	12	11	0	0	0	0	0	0	0	0	0	0
1909	12	12	0.01	0	0	0	0	0	0	0	0.01	0
1909	12	13	3.03	0.24	0.2	0	0.07	0.43	0.18	0.3	0.38	0.4
1909	12	14	0.2	0.84	0.59	1.2	1.42	1.13	0.47	1.52	0.23	0
1909	12	15	0	0	0	0.01	0	0	0.03	0	0.03	0.04
1909	12	16	0	0	0	0	0	0	0	0	0	0
1909	12	17	0	0	0	0	0	0	0	0	0.07	0.09
1909	12	18	0	0	0	0	0	0	0	0	0.09	0
1909	12	19	0	0	0	0	0.02	0	0	0	0	0
1909	12	20	0	0	0	0	0	0	0.05	0	0	0
1909	12	21	0	0	0	0	0	0	0	0	0	0
1909	12	22	0	0	0	0	0	0	0.06	0	0.1	0.07
1909	12	23	0	0	0	0.02	0	0	0	0	0.05	0
1909	12	24	0	0	0	0	0	0.03	0.03	0	0.05	0.06
1909	12	25	0.34	0.17	0	0	0	0.05	0.03	0	0.05	0
1909	12	26	0.16	1.54	0.71	0.03	0.43	0.35	0.06	0.33	0.29	0.41
1909	12	27	0	0	0	0.23	0.25	0	0	0	0.03	0

1909	12	28	0	0	0	0	0	0	0.01	0	0.01	0.06
1909	12	29	0	0	0	0	0	0	0.01	0	0.02	0.01
1909	12	30	0	0	0	0	0	0	0	0	0.01	0.01
1909	12	31	0	0	0	0	0	0	0	0	0	0
1910	1	1	0	0	0	0	0	0	0	0	0	0
1910	1	2	0	0	0	0	0	0	0.02	0	0.02	0.01
1910	1	3	0	0.05	0.04	0.01	0	0.16	0.21	0.18	0.02	0
1910	1	4	0	0	0	0	0.11	0	0.04	0	0.01	0
1910	1	5	0.24	0.11	0.17	0	0	0.22	0.46	0.16	0.34	0
1910	1	6	1.18	0.69	0.63	0.53	0.66	0.66	0	0.37	0.83	0.65
1910	1	7	0.64	0.91	0.44	0.61	0.95	0.41	0.23	0.58	0.21	0.4
1910	1	8	0	0	0	0.01	0	0	0	0	0	0.02
1910	1	9	0	0	0	0	0	0	0.17	0	0	0
1910	1	10	0	0.06	0	0	0.04	0	0.08	0	0.01	0.05
1910	1	11	0	0	0	0	0	0	0	0	0	0
1910	1	12	0	0	0	0	0	0	0.04	0	0	0
1910	1	13	0	0	0	0	0	0	0	0	0	0
1910	1	14	0.54	0.53	0.05	0	0.1	0.13	0	0	0	0
1910	1	15	0.03	0.1	0	0	0.27	0.03	0	0.12	0	0
1910	1	16	0	0	0	0	0	0	0	0	0	0
1910	1	17	0.08	0	0	0	0	0	0	0	0	0
1910	1	18	0.33	0.28	0.27	0.31	0.11	0.46	0.75	0.31	0.09	0.25
1910	1	19	0	0.05	0.01	0.02	0.13	0	0.01	0.13	0	0
1910	1	20	0	0	0	0	0	0	0	0	0	0
1910	1	21	0.68	0.03	0.02	0	0	0.79	0.05	0.06	0.05	0.05
1910	1	22	0.2	0.37	0.53	0.62	0.98	0.29	0.59	0.9	0.42	0.54
1910	1	23	0	0	0	0.05	0	0	0.06	0	0.02	0
1910	1	24	0	0	0	0	0	0	0	0	0.02	0
1910	1	25	0.23	0.4	0	0	0.21	0.05	0.13	0.01	0.12	0.3
1910	1	26	0	0	0	0.09	0.1	0	0	0	0.01	0
1910	1	27	0.01	0.01	0.02	0	0.04	0.1	0.18	0.08	0.15	0.1
1910	1	28	0.19	0	0	0.15	0.06	0	0.06	0	0.01	0.05
1910	1	29	0.29	0.65	0.72	0.65	0.14	0.78	0.5	0.57	0.31	0.4
1910	1	30	0	0.01	0	0.17	0.21	0.02	0.43	0.01	0.05	0
1910	1	31	0	0	0	0	0.02	0	0	0	0.01	0.08
1910	2	1	0	0	0	0	0	0	0	0	0	0
1910	2	2	0	0	0	0	0	0	0.02	0	0	0
1910	2	3	0.19	0.21	0.79	0.13	0.16	0.48	0.33	0.45	0.69	0.7
1910	2	4	0	0.29	1	0.83	0.51	0.44	0.02	0.79	0.07	0
1910	2	5	0	0	0	0.02	0	0	0.2	0	0	0
1910	2	6	0	0	0	0	0	0	0.01	0	0	0
1910	2	7	0	0	0	0	0	0	0.01	0	0	0
1910	2	8	0	0	0	0	0	0	0.03	0	0	0

1910	2	9	0.22	0.1	0.32	0	0	0.32	0.05	0	0.06	0.05
1910	2	10	0	0.09	0	0.3	0.05	0	0.64	0.39	0.04	0
1910	2	11	0.16	0.15	0	0	0	0	0	0	0	0
1910	2	12	0.43	1.07	1.02	0.9	0.71	1	0.88	0.75	0.67	0.7
1910	2	13	0	0	0	0.04	0.07	0	0.24	0	0.05	0
1910	2	14	0	0	0	0	0	0	0.01	0	0.01	0
1910	2	15	0	0	0	0	0	0	0	0	0	0
1910	2	16	0	0	0	0	0	0	0.2	0	0.01	0
1910	2	17	0.21	0.19	0.38	0.23	0.14	1.07	0.01	0.54	0.31	0.14
1910	2	18	0.16	0.52	0.15	0.8	0.78	0.09	1.01	0.65	0.66	0.7
1910	2	19	0	0	0	0	0	0	0	0	0	0
1910	2	20	0	0	0.01	0	0	0.03	0	0	0	0
1910	2	21	0.18	0.26	0.54	0.76	0.15	0.41	0.18	0.53	0.04	0.05
1910	2	22	0.39	0.32	0.41	0	0	0.54	0	0.33	0.19	0.2
1910	2	23	0	0	0.07	0.18	0.49	0	0.1	0.11	0	0
1910	2	24	0	0	0	0	0	0	0	0	0	0
1910	2	25	0	0	0	0	0	0	0	0	0	0
1910	2	26	0	0	0	0	0	0	0	0	0	0
1910	2	27	0	0	0.02	0	0	0	0.66	0.01	0.15	0
1910	2	28	1.21	0.24	0.13	0.11	0.17	0.39	0.32	0.05	0.05	0.22
1910	3	1	0.43	0.53	0.72	0.28	0.12	0.4	0.03	0.55	0.01	0.1
1910	3	2	0.27	0.05	0.01	0.29	0.01	0.02	0.15	0.03	0	0
1910	3	3	0	0	0	0	0.01	0	0	0	0	0
1910	3	4	0	0	0	0	0	0	0	0	0	0
1910	3	5	0	0	0	0	0	0	0	0	0	0
1910	3	6	0	0	0.02	0	0	0	0	0	0	0
1910	3	7	0.16	0.54	0.57	1.24	0.36	0.59	0.52	0.57	0.08	0.1
1910	3	8	0	0	0	0	0.01	0	0.02	0	0	0
1910	3	9	0	0	0	0	0	0	0	0	0	0
1910	3	10	0	0	0	0	0	0	0	0	0	0
1910	3	11	0	0	0	0	0	0	0	0	0	0
1910	3	12	0	0	0	0	0	0	0	0	0	0
1910	3	13	0.04	0	0	0	0	0	0	0	0.13	0.16
1910	3	14	0	0.02	0.07	0.16	0	0.22	0.3	0.19	0.02	0
1910	3	15	0	0	0	0	0	0	0.01	0	0	0
1910	3	16	0	0	0	0	0	0	0.19	0	0	0
1910	3	17	0.11	0.02	0	0	0	0	0	0	0	0
1910	3	18	0	0	0	0	0	0	0	0	0	0
1910	3	19	0	0	0	0	0	0	0.05	0	0	0
1910	3	20	0.01	0.02	0	0	0	0.01	0.22	0.03	0.18	0.15
1910	3	21	0	0	0	0	0.04	0	0	0	0	0
1910	3	22	0	0	0	0	0	0	0	0	0	0
1910	3	23	0	0	0	0	0	0	0	0	0	0

1910	3	24	0	0	0	0	0	0	0	0	0	0
1910	3	25	0	0	0	0	0	0	0	0	0	0
1910	3	26	0	0	0.01	0	0	0	0.03	0	0	0
1910	3	27	0	0	0	0	0	0	0	0	0	0
1910	3	28	0	0	0	0	0	0	0	0	0	0
1910	3	29	0	0	0	0	0	0	0	0	0	0
1910	3	30	0	0	0	0	0	0	0	0	0.05	0
1910	3	31	0	0.07	0.22	0.01	0	0.04	0.07	0.01	0.04	0.02
1910	4	1	0	0	0	0.18	0.03	0	0	0.06	0	0
1910	4	2	0	0	0	0	0	0	0	0	0	0
1910	4	3	0	0	0	0	0	0	0	0	0	0
1910	4	4	0.15	0	0	0	0.05	0	0	0.03	0	0
1910	4	5	0	0	0	0	0.18	0	0	0.02	0	0
1910	4	6	0.04	0	0	0	0	0	0.02	0	0.02	0
1910	4	7	0	0	0.59	0.03	1.02	0	0.5	0	0.29	0.3
1910	4	8	0	0.72	0.07	0.18	0.26	0.09	0.21	0.08	0.2	0.1
1910	4	9	0	0	0.03	0.07	0.03	0.01	0.36	0	0.32	0.15
1910	4	10	0	0	0	0	0.01	0	0.03	0	0.02	0.4
1910	4	11	0	0.16	0	0	0	0	0	0	0	0.1
1910	4	12	0	0	0	0	0.29	0	0	0	0	0
1910	4	13	0	0	0	0	0	0	0	0	0	0
1910	4	14	0	0	0	0	0	0	0	0	0	0
1910	4	15	0	0	0	0	0	0	0	0	0	0
1910	4	16	0	0	0	0	0	0	0	0	0	0
1910	4	17	0.72	0	0	0	0	0	0	0	0.03	0
1910	4	18	0.75	0.09	0.25	0.07	0.04	0.45	0.54	0.21	0.16	0.14
1910	4	19	0.66	0.36	0.14	0.37	0.9	0.42	0.31	0.81	0	0.4
1910	4	20	0	0	0.57	0.37	0.07	0.04	0	0.07	0	0
1910	4	21	0	0	0.01	0.01	0	0	0	0	0	0
1910	4	22	0	0.38	1.01	1.09	0	0.78	0.06	0.77	0.2	0.12
1910	4	23	0	0	0.01	0.05	0	0	0.03	0.11	0	0
1910	4	24	0	0	0.04	0.02	0	0	0	0	0	0
1910	4	25	1.35	0	0.04	0.02	0.07	0	0	0	0.01	0
1910	4	26	1.19	0.47	0.95	0.4	1.22	1.12	0.07	0.69	0.17	0.4
1910	4	27	0	0	0.05	0.89	0	0	0.06	0.52	0.47	0.05
1910	4	28	0	0	0	0	0	0	0.09	0	0.02	0
1910	4	29	0.1	0	0	0	0	0	0	0	0	0
1910	4	30	0.04	0.04	0.36	0.7	0.05	0.29	0.38	0.38	0.19	0.05
1910	5	1	0	0	0	0	0	0	0	0	0.03	0
1910	5	2	0	0	0	0.01	0.08	0.11	0.18	0.38	0.33	0.05
1910	5	3	0.04	0	0.34	0	0	0.44	1.01	0.01	0.89	0.75
1910	5	4	0	0	0.02	0.45	0.37	0.09	0.01	0.4	0.06	0.4
1910	5	5	0	0.08	0.02	0	0	0.04	0	0.13	0	0

1910	5	6	0	0	0	0	0	0	0	0	0	0
1910	5	7	0	0	0	0	0	0	0.05	0	0	0
1910	5	8	0.09	0	0	0	0	0	0	0	0	0
1910	5	9	0.09	0.09	0.15	0.14	0.02	0.24	0.5	0.21	0.23	0.2
1910	5	10	0	0	0	0	0.16	0	0.34	0.03	0.02	0
1910	5	11	0	0	0.01	0	0.01	0.01	0	0.03	0	0.01
1910	5	12	0	0	0	0	0	0	0	0	0	0
1910	5	13	0	0	0	0	0	0	0	0	0	0
1910	5	14	0.04	0	0	0.01	0	0	0	0.13	0	0
1910	5	15	0	0.01	0.07	0	0.01	0	0	0.22	0	0
1910	5	16	0	0	0	0	0	0	0	0	0	0
1910	5	17	0	0	0	0	0	0	0	0	0	0
1910	5	18	0.35	0.16	0.18	0.17	0.05	0.46	0.33	0.51	0.32	0.3
1910	5	19	0	0	0	0.31	0.37	0	0.06	0	0	0
1910	5	20	0.04	0	0	0	0	0	0	0	0	0
1910	5	21	0.35	0.04	0.11	0.02	0.14	0.25	0.2	0.29	0.27	0.25
1910	5	22	0	0	0	0	0	0	0.05	0	0	0
1910	5	23	0.04	0.01	0.01	0	0	0	0	0	0	0
1910	5	24	0	0	0.06	0.15	0.01	0	0.05	0.05	0.27	0.2
1910	5	25	0.25	0.05	0.06	0.07	0.07	0	0.54	0.05	0.45	1.4
1910	5	26	0	0	0.11	0	0.86	0	0.01	0.07	0.22	0
1910	5	27	0	0	0	0	0	0	0.33	0	0	0
1910	5	28	0	0	0.04	0.28	0	0.03	0	0.07	0	0
1910	5	29	0	0	0	0	0	0	0	0	0	0
1910	5	30	0.14	0.01	0	0	0.04	0.02	0.03	0.04	0.06	0.1
1910	5	31	0.06	0.57	0.47	0.42	1.27	0.12	0.03	0.47	0.27	0.3
1910	6	1	0	0	0.02	0	0.08	0.01	0.03	0	0.01	0.25
1910	6	2	0	0	0	0	0.1	0	0.97	0	0.09	0.1
1910	6	3	0.01	0.01	0.13	0.02	0	0	0	0	0.05	0
1910	6	4	0	0	0	0	0.1	0	0	0	0	0
1910	6	5	0.74	0	0	0	0	0.03	0.12	0	0.22	0.6
1910	6	6	0.21	0.61	0.83	0.51	0.73	0.69	0.49	0.7	0.26	0.4
1910	6	7	0.15	0.25	0.04	0.06	0.14	0.01	0.34	0.05	0.84	1.2
1910	6	8	0	0	0	0.1	0	0	0.3	0	0.07	0.1
1910	6	9	0.4	0.01	0.03	0	0	0	0.01	0	0	0.04
1910	6	10	0.46	1.25	0.31	0.14	0.1	0.25	0	0.13	0	0
1910	6	11	0.29	0.36	0.47	0.16	0.23	0.57	0.06	0.61	0.21	0.2
1910	6	12	2.18	1.24	0.29	0.2	0.38	0.11	0.14	0.14	0.04	0.05
1910	6	13	0	0	0	0.07	0.04	0	0	0.01	0	0
1910	6	14	0	0	0	0	0	0	0	0	0	0
1910	6	15	0	0	0	0	0	0	0.01	0.27	0	0
1910	6	16	0.5	0.34	0.13	0	0	0.43	0	0	0.02	0
1910	6	17	0.01	0.45	0.54	0.66	0.22	0.15	0	0.42	0	0.25

1910	6	18	1.06	0.08	0.03	0.08	0.01	1.06	0.05	0.42	0	0
1910	6	19	0	0	0	0.05	0.21	0	0	0	0	0
1910	6	20	0	0	0	0	0	0	0	0	0	0
1910	6	21	0	0	0	0	0	0	0	0	0	0
1910	6	22	0	0	0	0	0	0	0.76	0	0	0
1910	6	23	0	0	0.07	0.06	0	0	0	0	0	0
1910	6	24	0	0.28	0.03	0.06	0	0.1	0	0	0	0
1910	6	25	0	0	0	0	0	0	0	0.02	0	0
1910	6	26	0	0	0	0	0	0	0.03	0	0	0
1910	6	27	0	0	0.3	0.03	0	0	0	0	0.94	0.1
1910	6	28	0.02	0.01	0.04	0.06	0.09	0.06	0	0.03	0.35	0.25
1910	6	29	0	0	0	0	0	0	0	0	0	0
1910	6	30	0	0	0	0	0	0	0	0	0	0
1910	7	1	0	0	0	0	0	0	0	0	0	0
1910	7	2	0	0	0	0	0	0	0.04	0	0	0
1910	7	3	0	0	0	0	0	0	0	0	0.57	0
1910	7	4	0	0	0	0.03	0	0	0	0	0	0.02
1910	7	5	0	0	0	0	0	0	0	0	0	0
1910	7	6	0	0	0	0	0	0	0	0	0	0
1910	7	7	0.07	0	0	0	0	0	0.78	0	0.36	0.1
1910	7	8	0	0.16	0.63	0.5	0.01	0.23	0.02	0.17	0.01	0
1910	7	9	0	0	0	0	0	0	0	0	0	0
1910	7	10	0	0	0	0	0	0	0.23	0	0.01	0.4
1910	7	11	0	0	0	0	0	0	0	0	0	0
1910	7	12	0	0	0	0	0	0	0	0	0	0.3
1910	7	13	0	0.03	0	0	0	0	0.6	0	0.18	0
1910	7	14	0	0	0	0	0	0	0	0	0	0
1910	7	15	0	0	0	0	0	0	0	0	0.01	0
1910	7	16	0.02	0.22	0.28	0.06	0	0.13	0	0.26	0.02	0.1
1910	7	17	0.29	0	0.01	0	0.03	0	0	0	0	0
1910	7	18	0	0	0	0	0	0	0	0	0	0.05
1910	7	19	0.01	0	0	0	0	0	0	0.14	0	0
1910	7	20	0	0	0	0	0	0	0	0	0	0
1910	7	21	0	0	0	0	0	0.07	0.16	0	0.09	0.05
1910	7	22	0	0	0.05	0.43	0.05	0.19	0.16	0.43	0.32	0.05
1910	7	23	0	0	0	0	0.07	0	0	0.02	0	0
1910	7	24	0	0	0	0	0	0	0	0	0	0
1910	7	25	0.01	0.41	0.04	0.01	0.27	0.07	0.45	0.05	0	0.06
1910	7	26	0	0	0	0	0.04	0	0.08	0	0.03	0.52
1910	7	27	0	0	0	0	0	0	0.03	0	0.93	0
1910	7	28	0	0.15	0.42	0.16	0.6	0.19	0.04	0.08	0.08	0
1910	7	29	0	0	0	0	0	0	0	0	0	0
1910	7	30	0.09	0.18	0.21	0.64	0.02	0.03	0.45	0.02	0.45	0.4

1910	7	31	0	0	0	0	0.19	0	0	0	0	0
1910	8	1	0	0	0	0	0	0	0.03	0	0	0
1910	8	2	0	0.01	0.72	0.41	0.04	0.06	0.48	0.32	0	1.2
1910	8	3	0.1	0	0	0	0	0	0	0.02	0	0
1910	8	4	0.03	0.02	0.53	2.42	0	0.36	1.51	0.5	0.84	2.2
1910	8	5	0	0	0	0.63	0.37	0	0.3	0.13	0.02	0.85
1910	8	6	0	0	0	0	0	0	0.03	0	0	0
1910	8	7	0	0	0	0	0	0.02	0	0	0.03	0
1910	8	8	0.02	0	0	0	0	0	0	0	0	0
1910	8	9	0.02	0	0	0	0	0	0	0	0	0
1910	8	10	0.37	0	0.02	0	0	0.24	0.21	0.17	0.61	0.12
1910	8	11	0.02	0.41	0.59	0.15	0.54	0.03	1.58	0.2	0.15	0.4
1910	8	12	0	0	0	0	0	0	0	0	0	0
1910	8	13	0	0	0	0	0	0	0	0	0	0
1910	8	14	0	0	0	0	0	0	0	0	0	0
1910	8	15	0.2	0.01	0.2	0	0	0.04	0.03	0.08	0	0.05
1910	8	16	0	0.02	0	0.19	0	0.01	0	1.99	0	0
1910	8	17	0	0	0	0	0	0	0	0	0	0
1910	8	18	0	0	0.03	0	0	0.02	0.41	0	0.26	0
1910	8	19	0.13	0.43	0.66	0.71	0.42	0.71	0.39	0.9	0.43	0
1910	8	20	0	0	0	0	0	0	0	0	0	0
1910	8	21	0	0	0	0	0	0	0	0	0	0
1910	8	22	0	0	0	0	0	0	0	0	0	0
1910	8	23	0	0	0	0	0	0	0.4	0	0	0
1910	8	24	0	0	0	0	0	0	0.01	0	0	0
1910	8	25	0	0	0	0	0	0	0	0	0	0
1910	8	26	0.04	0.08	0	0	0	0	0.04	0	0.04	0.05
1910	8	27	0	0	0	0	0	0	0	0	0	0
1910	8	28	0.04	0	0	0	0	0	0	0	0	0
1910	8	29	0.1	0	0	0	0	0	0.08	0	0	0
1910	8	30	0	0	0	0	0	0	0	0	0	0
1910	8	31	0	0	0.04	0.02	0	0	0.39	0.03	0.38	0.15
1910	9	1	1.2	0.49	0.38	0.02	0.01	0.2	0	0.35	0	1.1
1910	9	2	0.02	0	0	0	0	0	0	0	0	0
1910	9	3	0.06	0.45	0.47	0	0	0.87	0.49	0.35	0.2	0.51
1910	9	4	0	0.01	0	0.45	0.48	0	0	0.28	0	0
1910	9	5	0	0.58	0.44	0.23	0.15	0.35	0.02	0.05	1.19	1
1910	9	6	0.05	0.28	0.56	0.35	0.58	0.22	1.29	1.36	0.6	0.8
1910	9	7	0	0	0	0.11	0.81	0.01	0.02	0.03	0	0
1910	9	8	0	0	0	0	0	0	0	0	0	0
1910	9	9	0.09	0.01	0.01	0.11	0.11	0.03	0.31	0.04	0.14	0.1
1910	9	10	0	0	0	0.01	0	0	0	0	0	0
1910	9	11	0	0	0	0	0	0	0	0	0	0

1910	9	12	0	0	0	0	0	0	0	0	0	0
1910	9	13	0	0	0.59	0	0	1.13	0.01	0	0.07	0.5
1910	9	14	0	0	0.21	1.03	0.23	0.02	0	1.73	0	0
1910	9	15	0	0	0	0	0	0	0	0	0	0
1910	9	16	0	0	0	0	0	0	0	0	0	0
1910	9	17	0	0	0	0	0	0	0	0	0	0
1910	9	18	0	0	0	0	0	0	0.11	0	0.01	0
1910	9	19	0	0.03	0.02	0.03	0	0	0	0	0	0
1910	9	20	0	0	0.01	0.08	0	0	0.2	0	0.05	0
1910	9	21	0	0.14	0.01	0	0	0	0.29	0	0.05	0.2
1910	9	22	0	0	0	0	0	0	0	0	0	0
1910	9	23	0	0	0	0	0	0	0	0	0.01	0
1910	9	24	0	0.03	0	0	0	0.12	0	0	0.12	0.05
1910	9	25	0	0	0	0	0.19	0.06	0.36	0.2	0.02	0
1910	9	26	0	0	0.12	0.16	0.38	0.02	0	0.04	0	0
1910	9	27	0	0.07	0	0	0	0.01	0.08	0.05	0.29	2.5
1910	9	28	0	0.05	0.07	0.11	0.28	0.02	0.15	0.08	0	0
1910	9	29	0	0	0	0	0	0	0	0	0	0
1910	9	30	0	0	0	0	0	0	0	0	0	0
1910	10	1	0	0	0.12	0.6	0	0.08	1.06	0.1	0.21	0
1910	10	2	0	0	0	0	0	0	0.03	0	0	0
1910	10	3	0	0	0	0	0	0	0	0	0	0
1910	10	4	0	0	0	0	0	0	0.11	0	0	0
1910	10	5	0	0	0	0	0	0	0.18	0	0.13	0
1910	10	6	0	0	0	0	0	0	1.12	0	0.51	0
1910	10	7	0.1	0.14	0.33	0.28	0.06	0.28	0.22	0.26	0.2	0
1910	10	8	0	0	0	0	0.08	0	0	0	0	0
1910	10	9	0	0.11	0	0.03	0	0.01	0.35	0.04	0.36	0
1910	10	10	0	0	0	0	0.17	0	0	0.02	0	0
1910	10	11	0	0	0	0	0	0	0	0	0	0
1910	10	12	0	0	0	0	0	0	0	0	0	0
1910	10	13	0	0	0	0	0	0	0	0	0	0.02
1910	10	14	0	0	0	0	0	0	0.14	0	0.02	0.01
1910	10	15	0.16	0.03	0.13	0.11	0	0.05	0.01	0.04	0	0.01
1910	10	16	0	0.02	0	0.07	0.02	0	0	0.03	0	0
1910	10	17	0	0	0	0	0	0	0	0	0	0
1910	10	18	0	0	0	0	0	0	0	0	0	0
1910	10	19	0	0	0	0	0	0	0	0	0	0
1910	10	20	2.51	0.01	0.01	0	0	0.03	0	0.04	0	0
1910	10	21	0	0	0	0.14	0	0	0	0	0	0
1910	10	22	0.45	0.42	0.09	0	0	0.33	0.35	0.19	0.26	0.15
1910	10	23	0	0.13	0.16	0.19	0.48	0.12	0.02	0.19	0.05	0
1910	10	24	0	0	0	0	0	0	0	0	0	0

1910	10	25	0	0.2	0.28	0	0.03	0.08	0.68	0.03	0.98	0.2
1910	10	26	0	0	0	0.34	0.01	0	0.07	0.02	0.05	0
1910	10	27	0	0.06	0.14	0.34	0.02	0.05	0.39	0.07	0.37	0.6
1910	10	28	0.01	0.02	0	0.02	0	0	0.04	0.03	0.19	0.3
1910	10	29	0	0	0.01	0.01	0	0	0.02	0	0.01	0
1910	10	30	0	0	0	0.11	0	0	0	0	0	0
1910	10	31	0	0	0	0	0	0	0	0	0	0
1910	11	1	0	0	0	0	0	0	0	0	0	0
1910	11	2	0	0	0	0	0	0.23	0.27	0	0.21	0.2
1910	11	3	2.6	0.48	0	0	0.19	0.65	0.08	1.1	0.24	0.38
1910	11	4	0.77	1.73	0.43	0.16	0.6	0.35	0.03	0.05	0.09	0.08
1910	11	5	0.02	0.01	0.25	0.42	0.37	0	0.15	0.27	0.38	0.51
1910	11	6	0	0	0	0.18	0	0	0.07	0	0.06	0.05
1910	11	7	0	0	0	0.16	0.01	0	0.01	0	0.03	0.02
1910	11	8	0.01	0	0	0	0	0	0	0	0	0
1910	11	9	0	0	0	0	0	0	0	0	0	0
1910	11	10	0	0.33	0.07	0	0.69	0.09	0.43	0.08	0.01	0.05
1910	11	11	0	0	0.01	0.04	0.02	0	0	0.02	0.07	0
1910	11	12	0	0	0.05	0.02	0	0	0	0	0	0.01
1910	11	13	0	0	0	0	0	0	0.24	0	0.2	0.05
1910	11	14	0.04	0	0	0	0	0	0.1	0	0.12	0.2
1910	11	15	0	0	0	0	0	0	0.02	0	0.02	0
1910	11	16	0	0	0	0	0	0	0	0	0	0
1910	11	17	0	0	0	0	0	0	0	0	0	0
1910	11	18	0	0	0	0	0	0	0	0	0	0
1910	11	19	0	0	0	0	0	0	0.02	0	0.04	0
1910	11	20	0	0	0	0	0	0	0	0	0	0
1910	11	21	0	0	0	0	0	0	0	0	0	0
1910	11	22	0.02	0.01	0.28	0.1	0.05	0.15	0	0.15	0.04	0.04
1910	11	23	0	0	0	0.08	0	0	0	0	0	0
1910	11	24	0	0	0.14	0.23	0.01	0	0.11	0.02	0.01	0
1910	11	25	0.47	0.07	0	0.02	0.11	0.01	0	0.03	0	0
1910	11	26	0	0	0	0.07	0.22	0	0	0	0	0
1910	11	27	0	0	0	0.01	0	0	0	0	0	0
1910	11	28	0.26	0	0	0	0	0	0	0	0	0
1910	11	29	0.11	0.96	0.38	0.21	0.3	0.93	0.06	0.69	0.57	0.8
1910	11	30	0	0.16	0.24	1	0.16	0.19	0.33	0.23	0.34	0.2
1910	12	1	0	0	0.03	0.1	0.08	0.02	0.24	0	0.22	0.4
1910	12	2	0	0	0.03	0.1	0	0.11	0.06	0.05	0.09	0.08
1910	12	3	0	0	0	0	0	0	0.02	0	0	0
1910	12	4	0	0	0	0	0	0	0	0	0.01	0
1910	12	5	0	0	0	0	0	0	0	0	0	0
1910	12	6	0.21	0.06	0	0	0	0	0	0	0	0

1910	12	7	0.04	0.24	0	0	0	0	0.01	0	0.02	0
1910	12	8	0	0	0	0.01	0	0	0.18	0	0.02	0
1910	12	9	0	0	0	0	0	0	0	0	0	0
1910	12	10	0.05	0	0	0	0	0	0	0	0	0
1910	12	11	0.08	0	0	0	0	0	0	0	0	0
1910	12	12	0	0	0	0	0	0	0	0	0	0
1910	12	13	0	0	0	0	0	0	0	0	0	0
1910	12	14	0	0	0	0	0	0	0.23	0	0	0
1910	12	15	0	0.12	0.28	0.12	0	0.03	0.15	0.02	0.17	0.29
1910	12	16	0	0	0	0.03	0.06	0	0	0	0	0
1910	12	17	0	0	0	0	0	0	0	0	0.01	0
1910	12	18	0	0	0	0	0	0	0.04	0	0.02	0
1910	12	19	0.26	0.17	0.36	0.23	0.06	0.24	0.31	0.3	0.04	0
1910	12	20	0.01	0.06	0	0	0	0.08	0.12	0	0.17	0
1910	12	21	0	0.05	1.18	0.23	0.07	0.62	0.02	0.79	0.35	0.35
1910	12	22	0	0	0	0.04	0	0	0	0	0	0
1910	12	23	0	0	0	0	0	0.02	0	0	0.06	0
1910	12	24	1.09	1.23	1.17	0.96	0.37	0.97	0.07	1.09	0.88	0.75
1910	12	25	0	0.02	0.02	0.66	0.28	0	0	0	0	0
1910	12	26	0	0.03	0.03	0	0	0	0.06	0	0	0
1910	12	27	0	0	0	0.05	0	0.01	0.2	0	0	0
1910	12	28	0.04	0.06	0.16	0	0	0.35	0.06	0.15	0.24	0.3
1910	12	29	0	0	0.11	0.33	0.1	0	0.23	0.14	0.11	0.1
1910	12	30	0.1	0.06	0.06	0.11	0	0.02	0.64	0.08	0.05	0
1910	12	31	0	0	0	0	0	0	0	0	0	0
1911	1	1	0.66	0.01	0.03	0	0	0	0.02	0	0	0.1
1911	1	2	0.17	0.21	0.25	0.26	0.01	0.1	0.33	0.21	0.01	0
1911	1	3	0.76	0.81	0.39	0.32	0.13	0.38	0.19	0.5	0.22	0.3
1911	1	4	0.09	0.08	0.2	0.45	0.31	0.01	0.17	0.04	0.02	0
1911	1	5	0	0	0	0	0	0	0.06	0	0	0
1911	1	6	0	0	0.28	0	0	0.05	0	0	0.01	0.2
1911	1	7	0	0.01	0.28	0.16	0	0.03	0.1	0.07	0.02	0
1911	1	8	0.04	0.02	0.03	0	0	0.04	0.15	0	0.14	0
1911	1	9	0	0.1	0.26	0.5	0.09	0.1	0.2	0.27	0.12	0
1911	1	10	0	0	0	0	0	0	0	0	0	0
1911	1	11	0	0.12	0.08	0	0	0	0	0	0.08	0
1911	1	12	0	0	0	0.06	0.01	0.01	0	0	0	0.25
1911	1	13	0.16	0.02	0	0	0.01	0	0	0	0	0
1911	1	14	0.33	0.08	0	0.02	0.07	0.01	0.03	0.03	0.18	0.05
1911	1	15	0	0	0	0	0.03	0	0.02	0.02	0	0.01
1911	1	16	0	0	0	0	0	0	0	0	0	0
1911	1	17	0	0	0	0	0	0	0	0	0	0
1911	1	18	0	0	0	0	0	0	0	0	0	0

1911	1	19	0	0	0	0	0	0	0.15	0	0	0
1911	1	20	0	0	0	0	0	0	0	0	0	0
1911	1	21	0.06	0	0	0	0	0.01	0.09	0	0	0
1911	1	22	0.2	0	0	0	0	0	0	0	0	0
1911	1	23	0	0.01	0	0	0	0	0	0	0	0
1911	1	24	0	0	0	0	0	0	0	0	0	0
1911	1	25	0	0	0	0	0	0	0	0	0	0
1911	1	26	0	0.09	0.2	0.03	0	0.15	0.06	0.15	0.19	0.24
1911	1	27	0.09	0.61	0.34	0.15	0.03	0.69	0.06	0.42	0.18	0.14
1911	1	28	0.1	0.06	0.24	0.62	0.82	0.07	0.07	0.45	0.08	0
1911	1	29	0.09	0.05	0	0	0	0.03	0.14	0	0.04	0
1911	1	30	0.04	0	0	0.16	0.05	0	0.28	0.1	0.03	0
1911	1	31	0	0	0	0	0	0	0	0	0	0
1911	2	1	0	0	0	0	0	0	0	0	0	0
1911	2	2	0.09	0.37	1.61	0.42	0.1	0.81	1.05	0.6	0.62	0.4
1911	2	3	0.01	0.05	0.01	0.03	0.01	0.3	0.15	0.08	0	0
1911	2	4	1.84	0.94	1.42	1.1	0.13	0.7	0.74	0.85	0.16	0.4
1911	2	5	0	0	0	0	0.04	0	0.06	0	0	0
1911	2	6	0.21	0	0	0	0	0	0	0	0.03	0
1911	2	7	0.18	0.71	1.18	0.52	0.43	0.56	0.29	0.74	0.31	1
1911	2	8	0.09	0.12	0.06	0.07	0.01	0.04	0.07	0	0.06	0.2
1911	2	9	0.03	0	0	0.05	0.02	0	0	0.04	0	0
1911	2	10	0	0	0.05	0.01	0.01	0	0.03	0	0.02	0
1911	2	11	0	0	0	0	0	0.01	0	0	0	0
1911	2	12	0	0.01	0.04	0.08	0	0	0.56	0	0.06	0.1
1911	2	13	0	0.02	0.1	0	0	0.08	0	0.02	0	0.1
1911	2	14	0.24	0.14	0	0	0.01	0.1	0	0.12	0	0
1911	2	15	0.04	0	0	0	0.09	0	0	0	0	0
1911	2	16	0	0	0	0	0	0	0	0	0	0
1911	2	17	0.14	0.2	0.19	0.2	0	0.2	0.12	0.2	0.01	0
1911	2	18	0	0	0	0	0.13	0	0	0	0	0
1911	2	19	0	0	0	0	0	0	0	0	0	0
1911	2	20	0.39	0.29	0.32	0.01	0	0.21	0	0.18	0.08	0.3
1911	2	21	0	0	0	0	0.04	0	0	0	0	0
1911	2	22	0	0	0.02	0.02	0	0	0.13	0	0	0
1911	2	23	0	0	0	0	0	0	0.01	0	0	0
1911	2	24	0	0	0.02	0	0	0.01	0.07	0.03	0.04	0.2
1911	2	25	0	0	0	0	0	0	0	0	0	0
1911	2	26	0	0	0	0	0	0	0.01	0	0	0
1911	2	27	0	0	0	0	0	0	0	0	0	0
1911	2	28	0	0	0	0	0	0	0	0	0	0
1911	3	1	0	0	0	0	0	0	0.11	0	0	0
1911	3	2	0	0	0	0	0	0	0.02	0	0	0

1911	3	3	0	0	0	0	0	0	0	0	0.01	0
1911	3	4	0.04	0	0	0	0	0	0	0	0	0
1911	3	5	0	0	0	0	0	0	0	0	0	0
1911	3	6	0.19	0.19	0.14	0.05	0.06	0.17	0.06	0.16	0.17	0.07
1911	3	7	0	0	0	0	0	0	0	0	0	0
1911	3	8	0	0	0	0	0	0	0	0	0	0
1911	3	9	0	0	0	0	0	0	0	0	0	0
1911	3	10	0.19	0.18	0.21	0.1	0.04	0.2	0.24	0.16	0.18	0.18
1911	3	11	0	0	0	0.03	0.03	0	0	0	0	0.14
1911	3	12	0.01	0.05	0.09	0.03	0	0.02	0.11	0.01	0.42	0
1911	3	13	0	0	0	0.04	0.02	0	0	0	0	0
1911	3	14	0.04	0	0	0	0	0	0	0	0	0
1911	3	15	0.53	0.75	0.67	0.89	0.78	1.1	0.08	0.64	0.05	0
1911	3	16	0	0.12	0.42	0.07	0.02	0.02	0.01	0.04	0	0.15
1911	3	17	0	0	0	0	0	0	0	0	0	0
1911	3	18	0	0.17	0.48	0.4	0	0.25	0.16	0.3	0.07	0.12
1911	3	19	0.37	0.49	0.65	0	0	0.47	0.01	0	0.06	0
1911	3	20	0	0.03	0.44	0.66	0.35	0.23	0.21	0.62	0.01	0.15
1911	3	21	0	0	0	0	0	0	0	0	0.01	0
1911	3	22	0	0.01	0.24	0.26	0.01	0.1	1.09	0.04	0.58	0.14
1911	3	23	0	0.01	0	0	0	0	0.06	0.07	0.05	0.15
1911	3	24	0	0	0	0	0	0	0	0	0	0
1911	3	25	0	0	0	0	0	0	0	0	0	0
1911	3	26	0.07	0	0	0	0	0	0	0	0	0
1911	3	27	0.98	0.27	0.27	0.48	0.1	0.28	0.16	0.22	0.12	0
1911	3	28	0	0.1	0.24	0.55	0.38	0.23	0.07	0.27	0.06	0.2
1911	3	29	0.87	0.17	0.02	0	0	0.16	0	0	0.05	0
1911	3	30	0.04	0.41	1.73	1.04	0.72	0.78	0.97	0.52	0.6	0.6
1911	3	31	0	0	0	0	0	0	0.25	0	0	0.4
1911	4	1	0	0	0	0	0	0	0.02	0	0	0
1911	4	2	0	0	0	0	0	0	0	0	0	0
1911	4	3	0	0	0	0	0	0	0	0	0	0
1911	4	4	1.31	0.48	0.48	0	0	0.48	0.05	0	0.22	0.4
1911	4	5	0.39	0.88	0.98	0.5	0.35	0.3	0.41	0.74	0.16	0
1911	4	6	0	0	0	0	0.03	0	0	0.04	0	0
1911	4	7	0	0	0.01	0	0.04	0	0.06	0	0	0
1911	4	8	0.07	0	0	0	0	0	0	0	0	0
1911	4	9	0.33	0.51	0.62	0.2	0.41	0.37	0	0.16	0.15	0.18
1911	4	10	0	0	0	0	0	0	0	0	0	0
1911	4	11	0	0	0	0	0	0	0	0	0	0
1911	4	12	0	0	0	0	0	0	0	0	0	0
1911	4	13	0	0	0	0	0	0	0	0	0	0
1911	4	14	0.21	0.08	0.12	0.01	0.03	0.3	0.37	0.37	0.23	0.2

1911	4	15	0	0	0	0.05	0.18	0	0.04	0.03	0	0
1911	4	16	0	0.01	0	0	0	0	0.14	0	0.04	0
1911	4	17	0	0	0	0	0	0	0	0	0	0
1911	4	18	0	0	0	0	0	0	0	0	0	0
1911	4	19	0.56	0	0	0	0.01	0	0	0	0	0
1911	4	20	0.57	0.25	0	0	0.1	0	0	0	0	0
1911	4	21	0	0	0	0	0	0	0	0	0	0
1911	4	22	0.07	0	0.04	0	0	0	0	0	0	0
1911	4	23	0	0.04	0	0	0	0.01	0	0	0	0
1911	4	24	0	0	0	0	0	0	0	0	0	0
1911	4	25	0	0	0	0	0	0	0	0	0	0
1911	4	26	0	0	0	0	0	0	0	0	0	0
1911	4	27	0	0	0	0	0	0	0	0	0	0
1911	4	28	0	0	0	0	0	0	0	0	0	0
1911	4	29	0	0	0	0	0	0	0	0	0	0
1911	4	30	0.03	0.03	0	0	0	0	0	0	0.03	0
1911	5	1	0.08	0	0	0	0	0	1.27	0	0.66	0
1911	5	2	0	0	0.02	0.05	0.43	0.15	0.46	0.29	0	0.4
1911	5	3	0	0	0	0	0	0	0	0	0.03	0.2
1911	5	4	0	0	0	0	0	0	0	0	0	0
1911	5	5	0	0	0	0	0	0	0	0	0	0
1911	5	6	0	0	0	0	0	0	0	0	0	0
1911	5	7	0	0	0	0	0	0	0	0	0	0
1911	5	8	0.05	0.1	0	0	0	0	0	0	0	0
1911	5	9	0.03	0.01	0	0	0	0	0	0.03	0	0
1911	5	10	0	0	0	0	0	0	0.03	0	0	0
1911	5	11	0.02	0	0	0	0	0	0.04	0	0	0
1911	5	12	0	0	0.38	0	0	0.27	0.1	0	0	0
1911	5	13	0.01	0	0	0.08	0.06	0	0	0.07	0	0
1911	5	14	0	0	0	0	0	0	0	0	0	0
1911	5	15	0	0	0	0	0	0	0.05	0	0.02	0
1911	5	16	0.07	0	0	0	0.06	0	0.01	0	0	0
1911	5	17	0.06	0	0	0	0	0	0	0	0	0
1911	5	18	0.09	0	0	0	0	0.04	0	0	0	0.22
1911	5	19	0	0	0	0	0	0.32	0	0	0	0
1911	5	20	0	0	0	0	0.75	0	0	0	0	0
1911	5	21	0	0	0.01	0	0	0	0	0	0	0
1911	5	22	0	0	0.01	0	0	0	0.1	0	0	0
1911	5	23	0	0	0.01	0	0	0	0.06	0	0.17	0.4
1911	5	24	0.04	0.05	0.54	0.25	0.19	0.32	0.24	0.21	0.07	0.25
1911	5	25	0	0.17	0	0.14	0.09	0.37	0	0.13	0	0
1911	5	26	0	0	0	0	0.22	0	0	0	0	0
1911	5	27	0	0	0	0	0	0	0	0	0	0

1911	5	28	0	0	0	0	0	0	0	0	0	0
1911	5	29	0	0	0.02	0.58	0	0.05	0	0	0	0
1911	5	30	0	0	0.01	0	0	0	0	0.05	0	0
1911	5	31	0.8	0.02	0.37	0	0	0.05	0.03	0.78	0.18	0.1
1911	6	1	0.05	0.04	0.12	0.64	0.38	0.23	0.49	0.57	0.22	0.75
1911	6	2	0	0	0	0	0	0	0	0	0	0
1911	6	3	0.01	0	0	0	0	0	0	0	0	0
1911	6	4	0	0	0	0	0	0	0	0	0	0
1911	6	5	0.19	0	0	0	0.01	0	0	0	0.1	0
1911	6	6	0.37	0.77	0.15	0.03	1.12	0.05	0	0.04	0	0.05
1911	6	7	0.24	0.77	0.04	0	0.19	0.05	0.11	0.1	0.1	0.35
1911	6	8	0	0	0	0	0.81	0	0.04	0	0	0
1911	6	9	0	0	0	0	0	0	0	0	0	0
1911	6	10	1	0.2	0	0.05	0	0.08	0	0.14	0.44	0.1
1911	6	11	1.14	0	0.1	0	0.07	0.09	0.95	0.03	0.24	0.1
1911	6	12	0.9	0.08	0.51	0.35	0.63	0.71	1.31	0.28	0.29	0
1911	6	13	0.29	1.62	0.72	0.89	0.59	0.17	0.13	0.65	0	0.1
1911	6	14	0.01	0	0.07	0.45	0.78	0.21	0.23	0.1	0.03	0.3
1911	6	15	0	0	0.15	0	0	0	0	0	0.18	0.05
1911	6	16	0.16	0.15	0.59	0.66	0	0.23	0	0.37	0.26	0
1911	6	17	0	0	0	0.01	0	0	0.04	0	0	0
1911	6	18	0	0	0	0.21	0	0	0.04	0	0	0
1911	6	19	0	0	0	0.11	0	0	0.48	0	0.17	0.05
1911	6	20	0	0.04	0.15	0.14	0	0	0.06	0.09	0.36	0.15
1911	6	21	0	0	0	0	0	0	0	0	0	0
1911	6	22	0.42	0	0	0	0	0	0	0	0.05	0.05
1911	6	23	0	0	0	0	0.01	0	0	0	0	0
1911	6	24	0.29	0	0	0	0	0	0	0	0	0
1911	6	25	0.04	0	0	0	0.01	0.05	0	0.11	0.1	0.55
1911	6	26	0.56	0	0.01	0	0.01	0	0	0.22	0	0
1911	6	27	0	0	0.06	0.03	0	0	0.15	0	0	0
1911	6	28	0	0	0.06	0	0.01	0	0.59	0	0	0.4
1911	6	29	0	0	0.01	0	0	0	0	0	0	0
1911	6	30	0	0	0	0	0	0	0	0	0	0
1911	7	1	0	0	0	0	0	0	0	0	0	0
1911	7	2	0	0	0	0	0	0	0	0	0.02	0
1911	7	3	0	0	0	0	0	0	0	0	0	0
1911	7	4	0	0	0	0	0	0	0	0	0	0
1911	7	5	0	0	0	0	0	0	0	0	0	0
1911	7	6	0.12	0.29	0.35	0.17	0	0	0.3	0.31	0.9	0.05
1911	7	7	0	0	0	0.03	0.01	0	0	0	0	0
1911	7	8	0	0	0	0	0	0	0	0	0	0
1911	7	9	0	0	0	0	0	0	0	0	0	0

1911	7	10	0.02	0	0	0	0	0	0	0	0.08	0
1911	7	11	0	0	0	0	0.34	0	0	0	0.01	0
1911	7	12	0	0	0	0	0	0	0	0	0	0
1911	7	13	0	0	0	0	0	0	0	0	0	0
1911	7	14	0.15	0	0	0	0	0	0	0.02	0	0
1911	7	15	0	0	0	0	0	0	0.01	0.05	0.01	0
1911	7	16	0	0	0	0.17	0	0	0.57	0	0.19	0
1911	7	17	0.48	0	0.25	0.12	0	0	0.37	0	0.35	0.5
1911	7	18	0	0	0.04	1.33	1.05	0.01	0.17	0.59	0	0
1911	7	19	0	0	0	0	0	0	0	0	0	0
1911	7	20	0.03	0	0.32	0.09	0.07	0.18	0	0.32	0.3	1.2
1911	7	21	0.71	0	0.01	0.07	0.01	0	0.13	0.02	0.08	0
1911	7	22	0.14	0.02	0.46	0.16	0.46	0.02	0.01	0	0	0
1911	7	23	0	0	0	0.17	0	0	0.08	0	0	0
1911	7	24	0.37	0.85	0.35	0.48	0.02	0.93	0.39	0.41	0.11	0.3
1911	7	25	0	0	0.07	0.06	0.83	0.01	0.14	0.32	0	0
1911	7	26	0	0	0	0	0	0	0	0	0	0
1911	7	27	0	0	0	0	0.09	0	0	0	0	0
1911	7	28	0.05	3.49	2.79	1.25	0	1.76	0	1.53	0.16	0
1911	7	29	0.09	0	0.07	1.33	0.21	0.54	0	0.72	0.26	0.75
1911	7	30	0	0	0	0	0.05	0	0	0	0	0
1911	7	31	0	0	0	0	0.02	0	0	0	0	0
1911	8	1	0	0	0	0.03	0	0	0	0	0	0
1911	8	2	0	0	0	0	0	0	0	0	0	0
1911	8	3	0	0	0	0	0	0.01	0	0	0	0
1911	8	4	0	0	0	0	0	0	0	0	0	0
1911	8	5	0	0	0	0	0	0	0	0	0	0
1911	8	6	0	0	0	0	0	0	0	0	0	0.55
1911	8	7	0	0	0	0	0	0	0	0	0	0
1911	8	8	0	0	0.01	0	0	0	0	0	0	0
1911	8	9	0.01	0	0.01	0	0	0	0	0	0	0
1911	8	10	0	0	0	0	0	0	0	0	0	0
1911	8	11	0.12	0	0	0.27	0	0	0.45	0.13	0.06	0.35
1911	8	12	0	0	0	0	0.01	0	0	0	0	0
1911	8	13	0	0	0	0	0	0	0	0	0	0
1911	8	14	0	0	0	0	0	0	0	0	0	0
1911	8	15	1.52	0.52	0.21	0	0	0.39	0.29	0.05	1.06	0.3
1911	8	16	0	0	0.05	0.24	1.62	0	0.47	0.17	0.02	0
1911	8	17	0.04	0	0	0	0.11	0.01	0	0	0	0.1
1911	8	18	0.26	0.47	0.2	0	0	0.63	0.04	0.24	1.54	0.1
1911	8	19	0	0	0.48	1.14	1.1	0.01	0.27	0.45	0.09	0
1911	8	20	0	0	0	0	0	0	0	0	0	0.3
1911	8	21	0	0	0	0	0	0	0	0	0	0

1911	8	22	0	0	0	0	0	0	0	0	0	0.03
1911	8	23	0	0	0	0	0	0	0.17	0	0.03	0
1911	8	24	0	0	0	0	0	0	0	0	0	0
1911	8	25	1.65	0.18	0.24	0	0.24	0.43	0.02	0.08	0.43	0
1911	8	26	0.34	0.04	0.31	0.33	0.59	0.2	0.54	0.42	0.02	0.05
1911	8	27	0.57	0.53	0	0	0	0	0	0	0	0
1911	8	28	0.02	0.11	0.27	0.11	0.05	1.99	1.21	0.11	0.57	1.9
1911	8	29	0.14	1.13	0.32	0.46	0.81	0.34	0.27	2.25	0.01	0
1911	8	30	0.85	0.02	0	0	0	0	0	0	0	0
1911	8	31	3.76	1.17	0.46	0.01	0	0.23	0	0.09	0	0
1911	9	1	0	0	0.01	0.28	0	0	0.02	0.03	0.06	0
1911	9	2	0	0	0.13	0	0	0	0.19	0	0.15	0
1911	9	3	0	0	0.02	0.1	0	0.06	0.22	0.2	0	0
1911	9	4	0	0	0	0	0	0	0	0	0	0
1911	9	5	0	0	0	0	0	0	0	0	0.16	0
1911	9	6	0.1	0.17	0.36	1.52	0.77	0.73	1.52	0.8	0.5	0.51
1911	9	7	0	0	0	0	0	0	0	0	0	0
1911	9	8	0	0	0	0	0.75	0.08	0	0.14	0	0.25
1911	9	9	0.01	0.4	0.35	0.14	0.28	0.16	0	0.52	0.21	0.26
1911	9	10	0	0	0	0.02	0.23	0	0.03	0.01	0	0
1911	9	11	0.03	0.05	0	0	0	0.11	0.01	0	0	0
1911	9	12	0	0	0.02	0.19	0.08	0	0.25	0.01	0.31	0.05
1911	9	13	0	0	0	0	0	0	0	0	0	0
1911	9	14	0	0	0	0	0	0	0	0	0	0
1911	9	15	0.26	0.43	0.42	0.12	0	0.34	0.57	0.38	0.49	0.7
1911	9	16	0	0.09	0.07	0.34	0.06	0.01	0.05	0.3	0.44	0
1911	9	17	0	0	0	0	0	0	0	0	0	0
1911	9	18	0	0	0	0	0	0	0	0	0	0
1911	9	19	0	0	0	0.05	0	0	0	0	0	0
1911	9	20	0	0	0	0	0	0	0	0	0	0
1911	9	21	0.08	0	0	0	0	0.01	0.01	0	0.09	0
1911	9	22	0.36	0.16	0.51	0.46	0.14	0.45	0.35	0.42	0	0.4
1911	9	23	0	0	0	0	0	0	0	0	0	0
1911	9	24	0	0	0	0	0	0	0	0	0	0
1911	9	25	0	1.05	0.31	0.48	0	0.01	0.76	0.03	0.76	0.2
1911	9	26	0.25	0.07	0.04	0.42	0.02	0.04	0.01	0.04	0	0
1911	9	27	0	0.12	0.08	0	0	0.29	0.02	0.24	0.09	0
1911	9	28	0	0	0	0.25	0.03	0	0	0.04	0.02	0
1911	9	29	0.61	0.41	0.5	0.22	0.06	0.64	0.26	0.57	0.18	0.2
1911	9	30	0	0	0.02	0.26	0.44	0	0	0.11	0	0
1911	10	1	1.3	0.11	0.19	0	0	0.36	0	0.16	0.2	0.4
1911	10	2	0.08	0.4	0.06	0.01	0.69	0.1	0	0.33	0	0
1911	10	3	0	0	0	0	0	0	0	0	0	0

1911	10	4	0	0.31	0.35	0.5	0.11	0.4	0.53	0.59	0.66	0.75
1911	10	5	0	0	0	0.06	0.24	0	0	0	0	0
1911	10	6	0.54	0.1	0.05	0	0	0.27	0	0	0.17	0.35
1911	10	7	0.63	0.38	0.03	0	0.32	0.06	0	0.21	0.04	0
1911	10	8	0	0	0	0	0	0	0	0	0	0
1911	10	9	0	0	0	0	0	0	0	0	0	0
1911	10	10	0	0	0	0	0	0	0	0	0	0
1911	10	11	0.15	0	0	0	0	0	0	0	0	0
1911	10	12	0	0	0	0	0	0	0	0	0	0
1911	10	13	0	0	0	0	0	0	0	0	0	0
1911	10	14	0	0	0	0	0	0	0	0	0	0
1911	10	15	0	0.16	0	0	0	0	0	0	0	0
1911	10	16	0	0	0	0	0	0	0	0	0	0
1911	10	17	0	0	0	0	0	0	0	0	0	0
1911	10	18	2.45	0.27	0.47	0.25	0.5	1.58	1.07	1.3	1.1	2.05
1911	10	19	1.27	0	0.02	0.86	2.01	0.07	0.01	0.73	0.04	0.05
1911	10	20	0.02	0	0	0	0.1	0	0	0	0	0
1911	10	21	0.48	0.4	0.22	0.03	0	0.38	0.05	0.58	0	0
1911	10	22	0.24	0.12	0.23	0.4	0.25	0.24	0.18	0.41	0.14	0
1911	10	23	0.49	0.01	0.05	0.09	0.67	0.11	0.11	0.25	0.28	0.04
1911	10	24	0	0	0	0	0	0	0.03	0	0	0
1911	10	25	0	0	0	0	0	0	0	0	0	0
1911	10	26	0	0	0	0	0	0	0	0	0	0
1911	10	27	0	0.01	0.04	0.05	0	0.02	0.07	0.08	0.06	0.02
1911	10	28	0	0	0	0	0.01	0	0	0	0	0
1911	10	29	0	0	0	0	0	0	0	0	0	0
1911	10	30	0	0	0	0	0	0	0	0	0	0
1911	10	31	0	0	0.14	0.1	0.02	0.14	0.22	0.14	0.15	0.55
1911	11	1	0	0.16	0.02	0.05	0.08	0.03	0	0.02	0.01	0
1911	11	2	0	0	0.01	0.04	0	0.01	0.01	0	0.03	0.1
1911	11	3	0	0	0	0	0.02	0	0	0	0	0
1911	11	4	0	0	0	0	0	0	0	0	0	0
1911	11	5	0	0	0	0	0	0	0	0	0	0
1911	11	6	1.47	0.16	0.2	0	0	0.38	0.35	0	0.07	0
1911	11	7	0	0.17	0.47	0.71	0.17	0.24	0.3	0.68	0.2	0.2
1911	11	8	0	0	0	0	0.05	0	0	0	0	0
1911	11	9	0	0	0	0	0	0	0	0	0	0
1911	11	10	0.02	0.09	0.03	0	0.01	0.03	0.31	0.05	0.01	0
1911	11	11	0	0	0	0	0.01	0	0	0.01	0	0
1911	11	12	0.1	0.48	0.11	0	0	0.38	0.4	0	0.6	0.2
1911	11	13	0	0	0.03	0.39	0.63	0	0.01	0.53	0	0
1911	11	14	0.38	0.08	0.04	0	0	0.21	0	0	0.02	0.4
1911	11	15	0.52	0.7	1.22	1.09	0.1	0.57	0.58	0.81	0.04	0

1911	11	16	0	0	0	0	0.02	0.02	0	0.01	0	0
1911	11	17	0.08	0	0	0	0	0	0	0	0.03	0
1911	11	18	1.24	1.01	0.64	0.47	0.14	0.66	0.58	0.57	0.27	0
1911	11	19	0	0	0	0	0.02	0	0	0	0	0
1911	11	20	0	0	0	0	0	0	0	0	0	0
1911	11	21	0	0.01	0	0	0.03	0	0	0	0.03	0
1911	11	22	0	0	0	0	0.04	0	0	0	0	0
1911	11	23	0	0	0	0	0	0	0	0	0	0
1911	11	24	0.9	0.85	0.53	0.31	0.06	0.38	0.12	0.33	0.07	0.05
1911	11	25	0	0	0	0.2	0.15	0	0	0	0	0
1911	11	26	0	0	0	0	0	0	0.12	0	0.01	0
1911	11	27	0	0	0	0	0.03	0	0	0	0	0
1911	11	28	0.41	0.58	0.16	0	0	0.06	0.24	0	0.15	0.15
1911	11	29	0	0	0.05	0.5	0.03	0.06	0.1	0.38	0.02	0
1911	11	30	0	0	0	0	0	0	0	0	0	0
1911	12	1	0	0	0	0	0	0	0.01	0	0.01	0
1911	12	2	0	0	0	0.03	0	0	0.27	0	0.02	0
1911	12	3	0.21	0	0	0.01	0.01	0	0	0	0	0
1911	12	4	0.51	0	0	0	0.01	0	0	0	0	0
1911	12	5	0	0	0	0	0	0	0	0	0	0
1911	12	6	0	0	0	0	0	0	0	0	0	0
1911	12	7	0	0	0	0	0	0	0	0	0	0
1911	12	8	0	0	0	0	0	0	0	0	0	0
1911	12	9	0	0.03	0.03	0.07	0.02	0.02	0.32	0.07	0.03	0
1911	12	10	0	0	0	0	0.05	0	0	0	0	0
1911	12	11	0	0	0	0	0	0	0.16	0	0	0
1911	12	12	0	0	0	0.04	0	0	0.48	0	0.59	0
1911	12	13	0	0	0	0.05	0.02	0	0.63	0	0.51	1
1911	12	14	0.03	0	0	0	0	0	0	0	0	0
1911	12	15	0.54	0.42	0.35	0.15	0.4	0.65	0.51	0.44	0.16	0
1911	12	16	0.59	0.46	0.62	0.11	0.36	0.5	0.25	0.09	0.2	0.3
1911	12	17	0	0.05	0.13	0.34	0.25	0	0.11	0.08	0.01	0.15
1911	12	18	0	0	0.01	0.04	0	0.01	0.04	0	0.03	0
1911	12	19	0	0	0	0.01	0	0	0	0	0	0
1911	12	20	0	0	0	0	0	0	0	0	0	0
1911	12	21	0.02	0	0	0	0	0	0	0	0	0
1911	12	22	0.47	0.31	0.55	0	0.01	0.79	0.1	0.19	0.33	0
1911	12	23	0.16	1.18	2.14	1.16	0.74	0.78	0.66	0.81	0.42	0.8
1911	12	24	0	0	0	0	0	0	0	0	0	0
1911	12	25	0	0	0	0	0	0	0	0	0	0
1911	12	26	0.1	0	0	0	0	0	0	0	0	0
1911	12	27	0.17	0.1	0.15	0.04	0.3	0.17	0.33	0.09	0.02	0.2
1911	12	28	0	0	0	0	0.02	0	0.01	0	0	0

1911	12	29	0	0	0	0	0	0	0	0	0	0
1911	12	30	0	0	0	0	0	0	0	0	0	0
1911	12	31	0.27	0.52	0.51	0.14	0.14	0.22	0.09	0.19	0.18	0.4
1912	1	1	0	0	0	0.03	0.05	0	0.07	0.18	0	0.1
1912	1	2	0.2	0	0	0	0	0	0.1	0	0	0
1912	1	3	0.02	0	0	0	0	0	0.11	0	0	0
1912	1	4	0	0	0.11	0	0	0	0	0	0	0
1912	1	5	0.01	0.1	0.29	1.2	0.01	0.06	0.03	0.1	0.04	0.35
1912	1	6	0	0	0	0.35	0	0	0	0	0	0
1912	1	7	0.03	0	0	0	0	0	0	0	0	0
1912	1	8	0.93	0.27	0.51	0	0	0.34	0.01	0	0.07	0
1912	1	9	0.15	0.57	0.78	0.97	0.12	0.42	0.39	0.93	0.05	0.1
1912	1	10	0	0	0	0	0	0	0	0	0	0
1912	1	11	0	0	0	0	0	0	0	0	0	0
1912	1	12	0.35	0.18	0.02	0	0.01	0.02	0	0	0	0
1912	1	13	0	0	0	0	0.01	0	0	0	0	0
1912	1	14	0	0	0	0	0	0	0	0	0	0
1912	1	15	0.24	1.03	2.28	0.99	0.05	1.09	0.35	0.83	0.15	0.12
1912	1	16	0	0	0.34	0.62	0.02	0	1.07	0	0.06	0.11
1912	1	17	0.02	0.06	0.14	0.02	0	0	0.08	0	0	0
1912	1	18	0	0.03	0	0.13	0.08	0.02	0.16	0.06	0	0.01
1912	1	19	0.16	0.15	0.19	0.37	0.02	0.18	0.04	0.11	0.04	0.09
1912	1	20	0	0	0	0	0.24	0	0	0	0	0
1912	1	21	0	0	0	0	0	0	0.11	0	0	0
1912	1	22	0	0.01	0	0	0	0	0	0	0.02	0
1912	1	23	0	0	0.17	0.19	0.05	0.05	0.08	0.05	0.11	0
1912	1	24	0	0	0	0	0.01	0.02	0.05	0.01	0.03	0.15
1912	1	25	0	0	0	0	0	0	0	0	0	0
1912	1	26	0.12	0	0	0	0	0	0	0	0	0
1912	1	27	0.08	0.02	0.02	0	0.01	0.04	0	0	0.01	0
1912	1	28	0	0	0	0	0.01	0	0	0	0	0
1912	1	29	0.23	0.3	0	0	0.11	0.18	0.1	0.16	0.17	0.4
1912	1	30	0.02	0.07	0	0	0.35	0.15	0.31	0.19	0.1	0.5
1912	1	31	0	0.08	0.01	0.02	0	0.02	0.08	0.02	0.01	0.2
1912	2	1	0	0	0	0	0	0	0.03	0	0	0
1912	2	2	0	0	0	0	0	0	0	0	0	0
1912	2	3	0	0	0	0	0	0	0	0	0	0
1912	2	4	0.2	0	0	0	0	0	0.09	0	0	0
1912	2	5	0	0	0	0	0	0	0.05	0	0.01	0
1912	2	6	0	0	0	0	0	0	0	0	0	0
1912	2	7	0	0	0	0	0	0	0.3	0	0.03	0
1912	2	8	0	0	0.01	0.04	0	0.01	0.09	0	0.03	0
1912	2	9	0	0	0	0	0	0	0	0	0	0

1912	2	10	0	0	0	0	0	0	0	0	0	0
1912	2	11	0	0	0	0	0	0	0	0	0	0
1912	2	12	0	0	0	0	0	0	0	0	0	0
1912	2	13	0	0	0	0	0	0	0	0	0	0
1912	2	14	0	0	0	0	0	0	0	0	0	0
1912	2	15	0	0	0	0	0	0	0	0	0	0
1912	2	16	0	0.01	0	0	0	0	0	0	0	0
1912	2	17	0	0	0	0	0	0	0.03	0	0	0
1912	2	18	0	0	0	0	0	0	0	0	0	0
1912	2	19	0.01	0	0	0	0	0	0.27	0	0.01	0
1912	2	20	0.01	0.14	0.19	0.17	0.05	0.12	0.06	0.15	0.17	0.2
1912	2	21	0.98	0.73	0.47	0	0	0.07	0.28	0.1	0.56	0.25
1912	2	22	0.1	0.28	1.05	1.29	0.75	0.71	1	0.56	0.18	0.15
1912	2	23	0	0	0	0	0	0	0.01	0	0	0.4
1912	2	24	0	0	0	0	0	0	0.03	0	0.02	0
1912	2	25	0	0	0	0	0	0	0.03	0	0.08	0
1912	2	26	1.43	0.26	0.8	0	0	0.25	0.01	0	0.28	0.1
1912	2	27	0	0.96	1.92	0.9	0.75	0.5	1.46	1.2	0.58	0.7
1912	2	28	0	0	0	0	0.01	0	0.06	0	0	0
1912	2	29	0	0	0	0	0	0	0	0	0	0
1912	3	1	0	0	0	0	0	0	0	0	0	0
1912	3	2	0	0	0	0	0	0	0	0	0	0
1912	3	3	0	0	0	0	0	0	0	0	0	0
1912	3	4	0	0.01	0	0	0	0	0	0	0	0
1912	3	5	0.09	0.01	0	0	0	0	0	0	0	0
1912	3	6	0.08	0.03	0	0	0	0	0	0	0	0
1912	3	7	0	0.04	0	0	0	0.01	0	0	0	0
1912	3	8	0.05	0.02	0.01	0	0	0	0.02	0	0	0
1912	3	9	0.03	0	0.03	0.18	0.18	0.06	0.16	0.1	0.15	0.02
1912	3	10	0	0	0	0.01	0.01	0	0	0	0	0
1912	3	11	0	0	0	0	0	0	0	0	0	0
1912	3	12	1.79	0.22	0.37	0	0	0.57	0	0.16	0.22	0.25
1912	3	13	0.24	0.92	2.54	2.19	1.39	1.13	0.22	1.47	0.5	0
1912	3	14	0	0	0	0.02	0.03	0	0	0	0	0
1912	3	15	1.81	0.64	1.31	0.75	0.12	1.01	1.02	0.98	0.81	0.75
1912	3	16	0	0	0	0.71	0.38	0	0.04	0.16	0	0.1
1912	3	17	0	0	0	0	0	0	0	0	0	0
1912	3	18	0	0	0	0	0	0	0	0	0	0
1912	3	19	0	0	0.04	0	0	0.01	0.07	0	0	0
1912	3	20	0.43	0.16	0.01	0.02	0	0	0	0	0	0
1912	3	21	0.38	0.36	0.11	0	0.28	0.23	0	0.2	0.12	0.15
1912	3	22	0	0	0.07	0	0.18	0	0	0.02	0.02	0
1912	3	23	0	0	0	0	0	0	0	0	0	0

1912	3	24	1.37	0.78	0.95	0.6	0.56	0.88	0.05	0.9	0.2	0.4
1912	3	25	0.01	0.06	0	0	0.1	0	0	0	0	0
1912	3	26	0	0	0	0	0	0	0	0	0	0
1912	3	27	0	0	0	0.01	0	0	0.04	0	0	0
1912	3	28	0.12	0	0	0	0	0	0	0	0	0
1912	3	29	1.3	0.93	0.9	0.9	0.27	0.99	0.07	1.1	0.77	0.8
1912	3	30	0	0	0	0.02	0.19	0	0	0	0	0
1912	3	31	0	0	0	0	0	0	0.13	0	0.18	0.2
1912	4	1	0	0.01	0.09	0	0.02	0.09	0	0	0.16	0
1912	4	2	0.33	0.67	1	0.4	0.18	0.67	0.07	0.8	0.38	0.14
1912	4	3	0	0.04	0.17	0.34	0.72	0.37	0.05	0.44	0.12	0.4
1912	4	4	0	0	0	0	0	0	0	0	0	0.05
1912	4	5	0	0.08	0.05	0.03	0.05	0.13	0.03	0.09	0.03	0
1912	4	6	0	0	0	0	0	0	0	0	0	0
1912	4	7	0.44	0.37	0.06	0	0	0.21	0.3	0	0.61	0
1912	4	8	0	0.04	0.09	0.23	0.61	0	0.01	0.08	0	0
1912	4	9	0	0.05	0	0	0	0.25	0	0.04	0	0.1
1912	4	10	0	0	0	0	0.24	0	0	0.12	0	0
1912	4	11	0	0	0	0	0	0	0	0	0	0
1912	4	12	0.12	0.04	0	0	0.02	0	0	0	0	0
1912	4	13	0.07	0	0	0	0.04	0	0	0	0	0
1912	4	14	0.01	0.19	0.06	0	0.12	0.01	0.07	0.15	0.01	0.15
1912	4	15	0	0.01	0.1	0.09	0.04	0.04	0.5	0.1	0.15	0
1912	4	16	0.04	0.08	0.52	0.06	0.1	0.17	0.04	0.02	0	0
1912	4	17	0.63	0.21	0	0	0	0	0	0	0	0
1912	4	18	0.55	0.4	0.79	0.3	0.15	0.27	0.59	0.29	0.3	0.3
1912	4	19	0.19	0.11	0.15	0.88	0.27	0.14	0.63	0.51	0.29	0.51
1912	4	20	0	0	0	0	0.01	0	0	0	0	0
1912	4	21	0	0	0	0	0	0	0	0	0	0
1912	4	22	0.13	0.24	0.34	0.12	0	0.08	0.37	0.14	0.62	0.05
1912	4	23	0.12	0.06	0.02	0.72	0.24	0	0.32	0.15	0.26	0.4
1912	4	24	0.06	0.03	0	0	0	0.01	0	0.02	0.04	0.2
1912	4	25	0	0	0	0.05	0.07	0	0	0	0	0
1912	4	26	0	0	0	0	0	0	0	0	0	0
1912	4	27	0.23	0.1	0.05	0.14	0	0.01	0.11	0.1	0	0
1912	4	28	0	0	0	0	0	0	0	0	0	0
1912	4	29	0.52	0.34	0	0	0	0.13	0	0	0	0
1912	4	30	0.09	0	0	0	0.45	0	0	0.03	0	0
1912	5	1	0	0	0	0	0	0	0	0	0	0
1912	5	2	0	0	0	0	0	0	0	0	0.02	0
1912	5	3	0	0	0	0	0	0	0	0	0	0
1912	5	4	0	0	0	0	0	0	0	0	0	0
1912	5	5	0.13	0	0	0	0	0	0	0	0	0

1912	5	6	0.32	0.44	0.2	0.3	0.27	0.6	0.24	0.55	0.45	0.45
1912	5	7	0.88	0	0.01	0.02	0.12	0	0	0.03	0	0
1912	5	8	0.81	0.62	0.29	0.01	0	0.03	0	0.01	0	0
1912	5	9	0.16	0.16	0.2	0.55	0.04	0.3	0.25	0.42	0.16	0
1912	5	10	0	0.29	0.04	0.3	0.37	0.03	0	0.02	0.1	0
1912	5	11	0	0	0	0	0	0	0	0	0	0
1912	5	12	0.03	0.03	0.08	0.13	0	0.19	0.25	0.22	0	0
1912	5	13	0.02	0.1	0.25	0.85	0.11	0.16	0.47	0.05	0.33	0.5
1912	5	14	0	0	0.02	0.04	0.17	0.04	0	0.13	0	0
1912	5	15	0.05	0	0	0	0.03	0	0	0.01	0	0
1912	5	16	0.9	0.72	0.91	0.41	0.06	0.84	0.77	0.9	0.54	0.6
1912	5	17	0	0	0.01	0.24	0.96	0.29	0.47	0.81	0.02	0.4
1912	5	18	0	0	0	0	0.1	0	0.08	0	0	0
1912	5	19	0	0	0	0	0	0	0.03	0	0.01	0.02
1912	5	20	0	0	0.07	0.13	0.05	0.13	0.02	0.17	0.97	1.05
1912	5	21	0	0.31	0.33	0.15	0.07	0.4	0	0.26	0.31	0.6
1912	5	22	0	0	0.01	0.03	0.34	0.02	0.13	0.21	0.2	0.05
1912	5	23	0	0	0.01	0.04	0	0	0.17	0.11	0.12	0
1912	5	24	0.24	0.19	0	0.2	0	0	0.64	0.01	0.13	0
1912	5	25	0	0	0.07	0	0	0.05	0.07	0	0.03	0.2
1912	5	26	0	0.48	0.07	0	0	0	0	0.02	0	0
1912	5	27	0	0	0	0	0	0	0	0	0	0
1912	5	28	0	0	0	0	0	0	0.18	0	0.03	0
1912	5	29	0.83	0	0.15	0.63	0	0.51	1.5	0	1.18	1.2
1912	5	30	1.03	0.15	0.78	1.39	1.51	0.59	0.55	0.78	0.25	0.51
1912	5	31	0	0.55	0.31	0.69	0.25	0.52	0.13	0.56	0.7	0.45
1912	6	1	0	0	0	0	0.03	0	0.01	0.06	0.15	0.06
1912	6	2	0	0	0.01	0	0	0.38	0	0	0.09	0.07
1912	6	3	0.02	0	0.29	0.05	0.58	0.4	0.07	0.52	0.02	0.05
1912	6	4	0	0	0	0	0	0.03	0.01	0.02	0.3	0.08
1912	6	5	0	0	0	0	0.02	0	0	0	0	0
1912	6	6	0.5	0.24	0.07	0.06	0	0.13	0.28	0.24	0.25	0.11
1912	6	7	0	0	0	0.01	0.34	0	0	0	0.01	0
1912	6	8	0	0	0	0	0	0	0.04	0	0	0
1912	6	9	0	0	0	0	0	0	0.01	0	0	0
1912	6	10	0	0	0.02	0.11	0	0.07	0.08	0	0.1	0.32
1912	6	11	0	0	0	0	0	0	0	0.18	0	0.01
1912	6	12	0.01	0	0.05	0.18	0	0.04	0.24	0.02	0.15	0.05
1912	6	13	0	0	0	0.01	0	0	0	0.05	0	0
1912	6	14	0	0	0	0	0	0	0	0	0	0
1912	6	15	0	0	0	0	0	0	0.07	0	0.03	0.02
1912	6	16	0.09	0.02	0.04	0.06	0.03	0.01	0.47	0.1	0.06	0.03
1912	6	17	0.7	0	0	0.4	0	0	0	0	0	0

1912	6	18	0	0	0	0	0	0	0	0	0	0
1912	6	19	0	0	0	0	0	0	0	0	0	0
1912	6	20	0	0	0	0	0	0	0.12	0	0.02	0.07
1912	6	21	0	0	0	0	0	0	0	0	0	0
1912	6	22	0	0	0	0	0.01	0	0	0	0	0
1912	6	23	0	0	0	0	0	0	0	0	0	0
1912	6	24	0	0	0	0	0	0	0	0	0	0
1912	6	25	0.25	0	0	0	0	0	0	0	0	0
1912	6	26	0	0.01	0.07	0.15	0	0	0.05	0.03	0	0.18
1912	6	27	0	0	0	0	0	0	0	0	0	0
1912	6	28	0	0	0	0	0	0	0	0	0	0
1912	6	29	0	0	0	0	0	0	0.2	0	0	0
1912	6	30	0	0	0	0	0	0	0	0	0	0
1912	7	1	0	0	0	0	0	0	0	0	0	0
1912	7	2	0	0	0	0	0	0	0	0	0	0
1912	7	3	0	0	0	0	0	0	0	0	0	0
1912	7	4	0	0	0	0	0	0	0	0	0.03	0.1
1912	7	5	0	0	0	0	0	0	0	0	0	0
1912	7	6	0	0	0	0	0.02	0	0	0.02	0	0
1912	7	7	0	0	0	0	0	0	0	0	0	0
1912	7	8	0	0	0	0	0	0	0	0	0	0
1912	7	9	0	0	0	0	0	0	0	0	0.27	0.4
1912	7	10	0	0.02	0	0	0.73	0	0.02	0	1.2	0
1912	7	11	0.54	1.14	0.15	0	0	0.25	0	0.37	0	0
1912	7	12	0.03	0	0.02	0	0.54	0	0	0	0	0
1912	7	13	0	0	0	0	0	0	0.16	0	0.19	0.03
1912	7	14	0.23	0	0.28	0.41	0.55	0.67	0.15	0.64	0.08	0.2
1912	7	15	0	0	0	0	0.03	0	0	0	0	0
1912	7	16	0.05	0	0.24	0	0	0	0.02	0	0	0
1912	7	17	0.23	0	0	0	0	0	0	0	0	0
1912	7	18	0.02	2.52	0.24	0	0	0.25	0.03	0.11	0	0
1912	7	19	0	0	0.02	0.06	0.18	0.02	0.44	0.17	0.06	0
1912	7	20	0	0	0	0	0	0	0	0	0	0
1912	7	21	1.24	1.03	1.43	0.43	0.03	0.62	0.06	1.06	0.67	0.91
1912	7	22	0	0	0.02	1.41	0.21	0	0	0.24	0.09	0.15
1912	7	23	0	0	0	0	0	0	0	0	0	0
1912	7	24	0	0	0	0	0	0	0	0	0	0
1912	7	25	0	0	0	0	0	0	0	0	0	0
1912	7	26	0	0	0	0	0	0	0	0	0	0
1912	7	27	0	0	0	0	0	0	0	0	0	0
1912	7	28	0.01	0	0	0.01	0	0	0.07	0	0.35	0
1912	7	29	0.12	0.45	0.04	0.05	0.67	0.05	1.37	0	0.01	0
1912	7	30	0	0	0	0	0.08	0.57	0	0	0.16	0.05

1912	7	31	0.09	0	0.06	0.01	0	0	0	0.05	0.13	0
1912	8	1	0.17	0.08	0.63	1.15	0.09	0.82	0	0.75	0	0
1912	8	2	0.02	0	0	0.13	0	0	0	0	0	0
1912	8	3	0.11	0.12	0.33	0.38	0.18	0.22	0.16	0.7	0.84	0.58
1912	8	4	0	0	0	0	0	0	0.08	0	0.11	0.04
1912	8	5	0	0	0.02	0	0	0	0	0	0.01	0.08
1912	8	6	0	0	0	0	0	0	0	0	0	0
1912	8	7	0	0	0	0.1	0	0	0	0	0	0
1912	8	8	0	0	0.01	0	0	0.01	0.58	0	0.02	0.16
1912	8	9	0	0	0	0	0	0	0.41	0	0.05	0.04
1912	8	10	0	0	0.01	0.03	0.17	0.01	0.88	0	0.1	0.2
1912	8	11	0.7	0.66	0.18	0.24	0.76	0.4	0.09	0.21	0.13	0.07
1912	8	12	0	0	0.02	0.19	0	0.01	0.24	0.03	0.04	0.42
1912	8	13	0	0	0	0	0.04	0	0	0	0	0
1912	8	14	0.02	0.02	0	0	0	0.12	0.01	0	0	0.12
1912	8	15	0	0.21	0.32	0.04	0	0.35	0	0.03	0.11	0.4
1912	8	16	0	0	0	0.05	0	0	0	0	0	0
1912	8	17	0	0	0	0	0	0	0	0	0	0
1912	8	18	1.02	0.45	0.17	0.09	0.26	0.63	0	0.49	0	0.27
1912	8	19	0.54	0	0.02	0.08	0.14	0	0	0.09	0	0
1912	8	20	0	0.34	0	0	0.01	0	0	0	0	0
1912	8	21	0	0	0	0	0	0.04	0	0	0.01	0
1912	8	22	0	0	0	0	0	0.14	0	0.01	0	0
1912	8	23	0	0.06	0.29	0.41	0.08	0.24	0.06	0.12	0.05	0.23
1912	8	24	0	0	0	0	0.51	0	0.02	0	0.08	0.02
1912	8	25	0	0	0.03	0.05	0	0	0.7	0	0.26	0.12
1912	8	26	0.08	0	0.23	0.05	0	0.4	0.06	0.63	0.73	0.68
1912	8	27	0	0	0	0	0.84	0	0.55	0	0.01	0.01
1912	8	28	0	0	0	0	0	0	0.08	0	0	0
1912	8	29	0.07	0	0	0	0	0	0.01	0	0	0.02
1912	8	30	0	0	0	0	0	0	0	0	0	0
1912	8	31	0.02	0	0	0	0	0	0	0	0	0
1912	9	1	1.01	0.43	0.11	0.09	0.01	0.36	0.23	0.5	0.23	0.45
1912	9	2	0.27	0.08	0	0	0.59	0.07	0.01	0.27	0.01	0.04
1912	9	3	0.12	0	0	0	0.3	0.01	0.05	0.05	0.01	0
1912	9	4	0	0.01	0	0	0	0	0	0	0	0
1912	9	5	0	0	0	0	0	0	0.65	0	0.41	0.09
1912	9	6	0	0.07	0.01	0	0.45	0.07	0.02	0.3	0.04	0.14
1912	9	7	0.04	0	0.06	0.02	0.03	0.01	0.83	0.02	0.92	0.13
1912	9	8	0	0	0	0	0	0	0	0.02	0	0
1912	9	9	0	0	0	0	0	0	0	0	0	0
1912	9	10	0	0	0	0	0	0	0.03	0	0.12	0.03
1912	9	11	0.2	0.21	0.02	0.15	0	0.09	0.28	0.04	0.28	0.59

1912	9	12	0	0	0	0	0.21	0	0	0	0	0
1912	9	13	0	0	0	0	0	0	0	0	0	0
1912	9	14	0	0	0	0	0	0	0	0.01	0	0.04
1912	9	15	0.4	0.03	0.71	0.06	0	1.2	0.21	0	1.05	1.33
1912	9	16	0.15	0.77	0.13	1.59	0.7	0.02	0.15	0.25	0.02	0.01
1912	9	17	0	0	0	0	0	0	0	0	0	0
1912	9	18	0.23	0	0	0	0	0.01	0.13	0	0.55	0.05
1912	9	19	0.02	0.02	0.52	0	0.03	0.9	0.59	0.65	0.37	0.1
1912	9	20	0	0	0.76	0.51	0.1	0.07	1.94	0.3	0.16	0.44
1912	9	21	0	0	0	0.14	0.19	0	0	0.28	0.01	0
1912	9	22	0	0	0	0	0	0	0	0	0	0
1912	9	23	0	0	0	0	0	0	0.29	0	0.09	0.07
1912	9	24	0.8	0	0	0	0.01	0	0.14	0	0.05	0.01
1912	9	25	0.89	0	0	0	0.06	0	0	0	0	0
1912	9	26	0	0	0	0	0.02	0	0.21	0	0	0
1912	9	27	0.01	0	0	0	0.01	0	0.16	0	0.22	0.02
1912	9	28	0	0	0	0	0.03	0	0.01	0	0	0
1912	9	29	0	0.05	0.59	0.32	0	0.33	0.4	0.42	0.7	0.38
1912	9	30	0	0	0	0.6	0.27	0	0.09	0.23	0.02	0.02
1912	10	1	0	0	0.03	0.04	0.01	0.12	0.21	0.07	0.09	0.25
1912	10	2	0	0	0	0	0.06	0	0	0	0	0
1912	10	3	0	0	0	0	0	0	0	0	0	0
1912	10	4	0	0	0	0	0	0	0.02	0	0.03	0
1912	10	5	0	0	0	0	0	0	0	0	0	0
1912	10	6	0	0	0	0	0	0	0	0	0	0
1912	10	7	0	0	0.04	0.03	0	0.02	0.11	0.05	0.03	0
1912	10	8	0	0	0	0	0	0	0	0	0	0
1912	10	9	0	0	0.04	0	0	0.01	0.11	0	0.08	0.02
1912	10	10	0.01	0.02	0.18	0.12	0.08	0.11	0.01	0.08	0.14	0
1912	10	11	0.3	0.04	0.1	0	0.42	0.3	0	0.14	0	0.05
1912	10	12	0	0	0.38	0.46	0	0.04	0.53	0.2	0.47	0.75
1912	10	13	0	0	0	0	0	0	0.17	0.05	0	0.1
1912	10	14	0	0	0	0	0	0	0	0	0	0
1912	10	15	0	0	0.01	0.04	0	0.01	0	0	0.03	0.15
1912	10	16	0	0	0	0	0	0	0	0	0	0
1912	10	17	0	0	0	0	0	0	0	0	0	0
1912	10	18	0	0	0	0	0	0	0	0	0	0
1912	10	19	0	0.02	0.06	0.17	0.02	0.05	0.73	0.13	0.03	0.2
1912	10	20	0	0	0	0	0.01	0	0	0	0	0
1912	10	21	0	0	0	0	0	0	0	0	0	0
1912	10	22	0.02	0	0	0	0	0	0	0	0	0
1912	10	23	2.97	0.52	0.07	0	0.18	1.17	0.66	0.85	1	1
1912	10	24	0.8	0.1	0.87	2.03	2.03	0.33	0.33	1.19	0.83	0.7

1912	10	25	0	0.23	0.04	0.69	0.44	0.28	0.26	0.17	0.06	0.1
1912	10	26	0	0.07	0.47	0.58	0.13	0.1	0.16	0.28	0.15	0.25
1912	10	27	0	0	0	0	0	0	0	0	0	0
1912	10	28	0	0	0	0	0	0	0	0	0	0
1912	10	29	0	0	0	0	0	0	0	0	0	0
1912	10	30	0	0	0	0.01	0	0	0.09	0	0.01	0
1912	10	31	0	0	0	0	0	0	0	0	0	0
1912	11	1	0.8	0.62	0.56	0.14	0	0.51	0.12	0.79	0.16	0.35
1912	11	2	0	0	0	0.62	0.02	0	0	0.03	0	0
1912	11	3	0	0	0	0	0	0	0	0	0	0
1912	11	4	0	0	0	0	0	0	0	0	0	0
1912	11	5	0	0	0	0	0	0	0.01	0	0	0
1912	11	6	0	0	0	0	0	0	0.08	0	0	0
1912	11	7	2.26	0.76	0.76	0.01	0	1.08	1.99	0.46	1.7	0
1912	11	8	0	0.3	0.22	0	1.02	0.15	0.31	0.91	0.2	1.63
1912	11	9	0	0	0	1.46	0	0	0	0	0.12	0
1912	11	10	0	0	0	0	0	0	0	0	0	0
1912	11	11	0.01	0	0	0	0	0	0	0	0	0
1912	11	12	0	0	0	0	0	0	0	0	0.01	0
1912	11	13	0	0.08	0.17	0	0	0.32	0.44	0.12	0.36	0.2
1912	11	14	0.27	0.41	0.61	0.41	0.1	1	0.58	0.58	0.31	0.6
1912	11	15	0	0	0.01	0.65	0.13	0.03	0.37	0.27	0.17	0.1
1912	11	16	0	0	0	0	0	0	0	0	0	0
1912	11	17	0	0	0	0	0	0	0.14	0	0.02	0.03
1912	11	18	0	0	0	0	0	0	0	0	0	0.08
1912	11	19	0	0	0	0	0	0	0	0	0	0
1912	11	20	0	0	0	0	0	0	0	0	0	0
1912	11	21	0	0	0	0	0	0	0	0	0	0
1912	11	22	0	0	0	0	0	0	0	0	0	0
1912	11	23	0	0	0	0	0	0	0	0	0	0
1912	11	24	0.09	0.42	0.86	0	0	0.65	0.11	0.07	0.13	0.1
1912	11	25	0	0	0.39	1.35	0.81	0	0.8	0.89	0.33	0.39
1912	11	26	0	0	0	0	0	0	0.14	0	0	0
1912	11	27	0	0	0	0	0	0	0.06	0	0	0
1912	11	28	0.1	0.02	0	0	0	0	0	0	0	0
1912	11	29	0	0	0	0	0	0	0.26	0	0	0
1912	11	30	0	0	0	0	0	0	0.07	0	0	0
1912	12	1	0	0	0	0	0	0	0	0	0	0
1912	12	2	0.17	0.46	0.64	0.08	0	0.36	0.56	0.25	0	0.2
1912	12	3	0	0	0.05	0.23	0.08	0	0	0.14	0	0.15
1912	12	4	0	0	0	0.02	0	0	0.1	0	0	0
1912	12	5	0.01	0	0	0	0	0	0	0	0	0
1912	12	6	0.47	0.38	0.41	0.3	0.26	0.38	0.21	0.57	0.13	0.2

1912	12	7	0	0	0	0	0	0	0	0	0	0
1912	12	8	0	0	0	0	0	0	0.21	0	0.01	0.07
1912	12	9	0	0	0	0	0.01	0	0.2	0	0	0
1912	12	10	0	0	0	0	0	0	0	0	0	0
1912	12	11	0	0	0	0	0	0	0.14	0	0.02	0
1912	12	12	0	0	0	0	0	0	0.02	0	0	0.03
1912	12	13	0	0	0	0	0	0	0.2	0	0	0
1912	12	14	0	0	0	0	0	0	0.04	0	0	0
1912	12	15	0	0	0	0	0	0	0.02	0	0	0
1912	12	16	0	0	0	0.13	0.08	0	0.19	0	0.08	0.03
1912	12	17	0.01	0	0	0	0	0	0	0	0	0
1912	12	18	0.15	0.31	0.32	0	0	0.27	0	0.19	0.12	0
1912	12	19	0.56	0.94	0.58	0.91	0.42	0.6	0.66	0.64	0.62	0.75
1912	12	20	0	0	0	0	0.09	0	0	0	0	0
1912	12	21	0	0	0	0	0	0	0	0	0	0
1912	12	22	0	0	0	0	0	0	0.25	0	0	0
1912	12	23	0	0	0	0	0	0	0.02	0	0	0
1912	12	24	1.1	0.89	0.25	0.06	0.02	0.2	0	0.23	0.02	0.18
1912	12	25	0	0	0	0	0.36	0	0	0	0.01	0
1912	12	26	0	0	0	0	0	0	0	0	0	0
1912	12	27	0.85	1.51	1.1	0.86	0.28	1.23	0.02	0.96	0.03	0.28
1912	12	28	0	0	0	0.02	0.54	0	0	0	0	0
1912	12	29	0	0	0	0	0	0	0	0	0	0
1912	12	30	1.69	0.87	0.81	0.63	0	0.67	0.4	0.86	0.11	0.25
1912	12	31	0	0	0	0.41	0.25	0	0	0	0	0
1913	1	1	0	0.01	0	0	0	0	0	0	0	0
1913	1	2	0	0	0	0	0	0	0.86	0	0	0
1913	1	3	0.54	0.55	0.63	0.58	0.15	0.32	0.22	0.4	0.26	0.25
1913	1	4	0	0	0	0.02	0.17	0	0	0	0.02	0.04
1913	1	5	0	0	0	0	0	0	0	0	0	0
1913	1	6	0	0	0	0	0	0	0.21	0.01	0.16	0.1
1913	1	7	0.28	0.15	0.04	0.16	0.16	0.08	0.21	0.27	0.43	0
1913	1	8	0.27	0.87	0.1	0.34	0.58	0.25	0.27	0.34	0.41	0.22
1913	1	9	0	0	0	0	0.07	0	0	0	0	0
1913	1	10	0	0	0	0	0	0	0	0	0	0
1913	1	11	0.17	0.12	0.12	0.08	0.08	0.09	0.25	0.15	0.02	0
1913	1	12	0.06	0.07	0.05	0.09	0.01	0	0.34	0.02	0.29	0.06
1913	1	13	0	0	0	0	0.02	0	0	0	0	0.25
1913	1	14	0	0	0	0	0	0	0	0	0	0
1913	1	15	0	0	0	0	0	0	0.04	0	0	0
1913	1	16	0.26	0	0	0	0.01	0	0.03	0	0	0
1913	1	17	0.22	0.1	0.48	0.42	0.09	0.2	0.41	0.38	0.09	0.15
1913	1	18	0.24	0	0.01	0.05	0.38	0.09	0.54	0.2	0.52	0.7

1913	1	19	0	0	0	0.24	0.07	0.01	0	0	0.12	0
1913	1	20	0.05	0	0.02	0	0	0	0.47	0	0	0
1913	1	21	0.06	0.24	0.17	0.29	0.24	0.16	0.16	0.31	0	0.4
1913	1	22	0	0	0	0	0	0	0.01	0	0	0
1913	1	23	0.53	0.13	0.4	0.25	0	0.4	0.42	0.53	0.01	0.2
1913	1	24	0.17	0	0	0.28	0.03	0	0	0.02	0	0
1913	1	25	0	0	0	0	0	0	0	0	0	0
1913	1	26	0	0	0	0	0	0	0.01	0	0	0
1913	1	27	0.28	0	0	0.01	0	0	0.06	0.03	0	0
1913	1	28	0	0	0	0	0	0	0	0	0	0
1913	1	29	0.1	0.06	0.26	0	0	0.16	0.11	0.04	0.02	0
1913	1	30	0	0	0.19	0.16	0	0.05	0.18	0.3	0	0
1913	1	31	0.2	0.08	0	0	0	0	0.01	0	0.03	0
1913	2	1	0.02	0.35	0.07	0.13	0.14	0.12	0	0.23	0	0
1913	2	2	0	0	0	0	0	0	0.2	0	0	0
1913	2	3	0.62	0.54	0.76	0.25	0	0.3	0.15	0.34	0.02	0.05
1913	2	4	0.13	0	0	0.15	0.41	0	0.01	0	0	0
1913	2	5	0	0	0	0	0	0.01	0.08	0	0	0
1913	2	6	0.01	0	0	0	0	0	0.06	0	0.05	0
1913	2	7	0	0	0	0	0	0	0.02	0	0	0
1913	2	8	0	0	0	0	0	0	0.09	0	0.04	0.02
1913	2	9	0	0	0	0	0	0	0	0	0	0
1913	2	10	0	0	0	0	0	0	0	0	0	0
1913	2	11	0.22	0.14	0.18	0.19	0.01	0.02	0.14	0.04	0	0
1913	2	12	0	0	0	0	0	0	0	0	0	0
1913	2	13	0	0	0	0	0	0	0.03	0	0	0
1913	2	14	0	0	0	0	0	0	0.08	0	0	0
1913	2	15	0	0	0	0	0	0	0.18	0	0.01	0
1913	2	16	0	0	0.07	0	0	0	0.42	0.05	0	0.2
1913	2	17	0	0.05	0.07	0.09	0.04	0.01	0	0.02	0	0
1913	2	18	0	0	0	0	0	0	0	0	0	0
1913	2	19	0	0	0	0	0	0	0	0	0	0
1913	2	20	0	0	0	0	0	0	0.02	0	0	0
1913	2	21	0	0	0	0	0	0	0	0	0	0
1913	2	22	0.4	0.94	0.62	0.37	0.01	0.6	0.49	0.7	0.2	0.1
1913	2	23	0	0	0.01	0.2	0.21	0.02	0.15	0.06	0	0.2
1913	2	24	0	0	0	0	0	0	0	0	0	0
1913	2	25	0	0	0	0	0	0	0	0	0	0
1913	2	26	0.08	0	0	0	0	0.02	0	0	0	0
1913	2	27	1.23	0.88	0.7	0.23	0.07	0.78	0.03	0.44	0.06	0.2
1913	2	28	0.03	0.09	0.22	0.48	0.89	0.37	0.11	0.71	0.18	0.2
1913	3	1	0.03	0.22	0.27	0.31	0	0.15	0.26	0.25	0.04	0.07
1913	3	2	0	0.04	0.03	0.05	0	0	0.21	0	0	0

1913	3	3	0	0	0	0.01	0.01	0	0.21	0	0	0
1913	3	4	0	0	0.39	0	0	0.17	0	0.18	0.09	0.3
1913	3	5	0.04	0	0.04	0.23	0.05	0	0	0.1	0	0
1913	3	6	0.22	0.2	0.59	0.53	0	0.36	0.31	0.44	0	0.05
1913	3	7	0	0	0	0.11	0.12	0	0.04	0	0	0
1913	3	8	0	0	0	0	0	0	0	0	0	0
1913	3	9	0	0	0	0	0	0	0.66	0	0.1	0.12
1913	3	10	0.37	0	0	0	0	0	0.05	0	0	0
1913	3	11	0.33	0.39	0.08	0.05	0.32	0.11	0	0.1	0.15	0.24
1913	3	12	0	0	0	0	0.01	0	0	0	0	0
1913	3	13	0.01	0	0	0	0	0	0.04	0	0	0
1913	3	14	1.01	0.64	0.77	0.4	0.37	0.62	0.88	0.7	0.21	0.18
1913	3	15	0.18	0	0.06	0.17	0.09	0.02	0.17	0.08	0.16	0
1913	3	16	0	0.31	0.11	0.12	0.05	0.05	0.01	0.03	0	0
1913	3	17	0.02	0	0	0	0	0	0	0	0	0
1913	3	18	0	0	0	0	0	0	0	0	0	0
1913	3	19	0	0	0	0	0	0	0	0	0	0
1913	3	20	1.93	0.41	0.37	0.28	0.08	0.37	0.13	0.58	0.15	0.17
1913	3	21	0.01	0.13	0.08	0.1	0.24	0.01	0.23	0.03	0.19	0
1913	3	22	0	0	0.01	0.08	0.32	0	0	0	0	0.18
1913	3	23	0	0	0	0	0	0	0	0	0	0
1913	3	24	0	0.01	0.17	0.13	0.09	0.12	0.84	0.16	0.09	0.07
1913	3	25	0.09	0.61	0.56	0.25	0.01	0.57	0.46	0.6	0.85	0.9
1913	3	26	1.42	0.56	0.32	1.34	0.54	0.54	0.54	1.02	0.64	0.51
1913	3	27	0.78	1.13	1.24	0.82	0.89	0.96	1.1	0.93	1.49	1
1913	3	28	0	0	0	0.04	0.8	0	0	0	0	0
1913	3	29	0	0	0	0	0	0	0	0	0	0
1913	3	30	0.01	0	0	0	0	0	0	0	0	0
1913	3	31	0.02	0.16	0.26	0.29	0	0.35	0.31	0.36	0.37	0.5
1913	4	1	0	0	0	0.29	0.23	0	0	0	0	0.01
1913	4	2	0	0	0	0	0	0	0	0	0	0
1913	4	3	0	0.01	0.04	0	0	0	0.21	0	0.59	0.64
1913	4	4	0	0.02	0.19	0.76	0	0.11	1.18	0.12	0.3	0.43
1913	4	5	0.23	0.41	0.21	0.52	0.16	0.28	0.01	0.41	0.06	0.08
1913	4	6	0	0.08	0.02	0	0	0.01	0	0	0	0
1913	4	7	0	0.09	0.02	0.04	0.01	0.04	0	0.03	0	0
1913	4	8	0	0	0.08	0	0	0	0	0	0	0
1913	4	9	0	0	0	0	0	0	0	0	0	0
1913	4	10	0.01	0	0	0	0	0	0	0	0	0
1913	4	11	1.1	0.75	0.33	0.15	0.29	0.55	0.18	0.37	0.33	0.14
1913	4	12	0.89	0.44	0.22	0.27	0.4	0.08	0.11	0.22	0.03	0
1913	4	13	0.21	1.42	0.28	0.13	0	0.28	0	0.03	0	0.02
1913	4	14	0	0.02	0.02	0.08	0.16	0.01	0	0.22	0	0.01

1913	4	15	1.13	0	0	0	0	0	0	0	0	0
1913	4	16	1.25	0.86	0	0	0	0	0	0	0	0
1913	4	17	0	0	0	0	0	0	0	0	0	0
1913	4	18	0	0	0	0	0	0	0.04	0	0	0
1913	4	19	0.04	0.04	0.14	0.13	0	0.05	0.71	0.06	0.3	0.16
1913	4	20	0	0	0	0	0	0	0.02	0	0	0
1913	4	21	0	0	0	0	0	0	0	0	0	0
1913	4	22	0	0	0	0	0	0	0	0	0	0
1913	4	23	0.03	0.11	0	0	0	0.09	0	0.13	0.03	0.1
1913	4	24	0	0	0	0	0	0	0	0	0	0
1913	4	25	0	0	0	0	0	0	0	0	0	0
1913	4	26	0	0	0	0	0	0	0	0	0	0
1913	4	27	0.07	0	0	0	0	0	0	0	0	0
1913	4	28	1.25	0.42	0.47	0.18	0.16	0.46	0	0.3	0.08	0.01
1913	4	29	0.06	0.1	0	0.05	0.2	0.07	0	0.28	0	0.01
1913	4	30	0	0	0	0	0	0	0	0	0	0
1913	5	1	0	0	0	0	0	0	0	0	0	0
1913	5	2	0	0	0	0	0	0	0	0	0	0
1913	5	3	0	0	0	0.13	0	0	0	0	0	0
1913	5	4	0	0	0	0	0	0	0	0	0	0
1913	5	5	0	0	0	0	0	0	0	0	0	0
1913	5	6	0	0	0	0	0	0	0.05	0	0	0
1913	5	7	0	0	0	0	0.05	0	0	0	0.02	0
1913	5	8	0	0	0	0	0	0	0	0	0	0
1913	5	9	0	0.01	0.02	0.23	0	0.03	0.03	0.05	0	0.01
1913	5	10	0	0	0	0	0	0	0	0	0	0
1913	5	11	0	0	0	0	0	0	0	0	0	0
1913	5	12	0	0	0	0	0	0	0	0	0	0
1913	5	13	0	0	0.02	0	0	0.03	0	0	0.08	0.01
1913	5	14	0	0	0	0	0.01	0	0	0.05	0	0
1913	5	15	0.06	0	0	0	0	0	0	0	0	0
1913	5	16	0.01	0.43	0.14	0.27	0.17	0.19	0.25	0.15	0.19	0.28
1913	5	17	0.01	0	0	0.02	0.02	0	0	0	0	0
1913	5	18	0.19	0	0.03	0.04	0	0	0.29	0.05	0.21	0.02
1913	5	19	0.01	0	0	0	0.05	0.01	0.06	0	0	0
1913	5	20	0	0	0	0	0	0	0	0	0	0
1913	5	21	0.11	0	0	0	0	0	0.01	0	0	0.04
1913	5	22	0.43	0.56	0.45	0.28	0.12	0.31	1.1	0.4	0.49	0.51
1913	5	23	1.01	1.09	0.65	0.31	0.88	0.68	0	0.65	0.3	0.73
1913	5	24	0.5	0.27	0.37	0.61	0.71	0.32	0	0.91	0.02	0.15
1913	5	25	0	0.07	0.46	0.41	0.16	0.12	0.31	0.67	0.01	0.16
1913	5	26	0	0	0	0	0	0	0	0	0	0
1913	5	27	0.06	0	0	0	0	0.02	0.51	0	0.16	0.15

1913	5	28	0.56	0.63	0.18	0.03	0.3	1.08	1.11	0.2	0.9	0.81
1913	5	29	0	0.16	0.6	1.03	0.82	0.38	0.12	1.15	0.18	0.14
1913	5	30	0	0	0	0.13	0	0	0	0	0	0
1913	5	31	0	0	0	0.02	0	0	0	0	0	0
1913	6	1	0	0	0.02	0	0	0	0.09	0	0.03	0.04
1913	6	2	0.03	0	0.01	0.02	0.07	0	0.06	0.02	0.04	0.01
1913	6	3	0	0	0	0	0	0	0.21	0	0.04	0.12
1913	6	4	0	0	0	0	0	0	0	0	0	0.19
1913	6	5	0	0	0.02	0	0	0	0	0	0	0
1913	6	6	0	0	0	0	0	0	0.01	0	0.13	0
1913	6	7	0.53	0.34	0.02	0.04	0	0	0	0.21	0.51	0.06
1913	6	8	0	0	0	0	0.14	0	0	0	0	0
1913	6	9	0	0	0	0.02	0	0	0.01	0.03	0.01	0
1913	6	10	0	0	0	0	0	0	0	0.02	0	0
1913	6	11	0	0	0	0	0	0	0	0	0	0
1913	6	12	0	0	0	0	0	0	0	0	0	0
1913	6	13	0	0	0	0	0	0	0	0	0	0
1913	6	14	0	0	0	0.03	0	0	0	0	0	0
1913	6	15	0	0	0	0	0	0	0.31	0	0.21	0.08
1913	6	16	0	0	0.09	0.11	0	0	0.25	0.01	0.73	0.57
1913	6	17	0	0	0	0.18	0	0	0	0.28	0	0
1913	6	18	0	0	0	0	0	0	0	0	0	0
1913	6	19	0	0.08	0	0	0	0.05	0	0	0	0.05
1913	6	20	1.34	0.04	0	0.03	0.2	0.02	0	0	0	0.02
1913	6	21	0	0.07	0.04	0.11	0.15	0.03	0	0.02	0	0
1913	6	22	0	0	0	0	0	0	0	0	0	0
1913	6	23	0	0	0	0	0	0	0	0	0	0
1913	6	24	0	0	0	0	0	0	0	0	0	0
1913	6	25	0	0.11	0	0	0	0	0	0	0	0
1913	6	26	0.02	0	0	0	1.04	0	0.57	0.13	0.41	0.15
1913	6	27	0	0	0.39	0.41	0	0	0	0	0.11	0
1913	6	28	0.06	0	0	0.15	0.11	0	0	0	0	0
1913	6	29	0	0	0	0	0	0	0	0	0	0
1913	6	30	0	0	0	0	0	0	0.02	0	0	0
1913	7	1	0	0	0	0	0	0	0	0	0	0
1913	7	2	0	0	0	0	0	0	0	0	0	0.02
1913	7	3	0	0	0	0	0.01	0	0	0	0	0
1913	7	4	0	0	0	0	0	0	0	0	0	0
1913	7	5	0.67	0	1.1	0	0	0.56	0	0	0.16	0.43
1913	7	6	0	0	0.01	0	0.29	0.02	0	2.75	0	0.04
1913	7	7	0	0	0	0	0	0	0	0	0	0.01
1913	7	8	0	0.02	0	0.03	0	0	0	0	0	0
1913	7	9	0	0.05	0	0	0	0	0.29	0	0.03	0

1913	7	10	0.41	0.62	0.43	0.73	0.12	0.17	0.06	0.29	0.24	0.68
1913	7	11	0	0	0	0	0	0	0.01	0	0	0
1913	7	12	0.22	0	0	0	0	0.06	0.17	0	0.2	0.28
1913	7	13	0.14	0	0.01	0.13	0.36	0.01	0.34	0.29	0	0.01
1913	7	14	0	0.04	0	0	0.08	0	0.08	0	0	0
1913	7	15	0	0	0	0.19	0	0	0.01	0	0	0
1913	7	16	0	0	0.28	0.24	0	0	0	0	0	0
1913	7	17	0	0	0	0	0	0	0	0	0	0
1913	7	18	0.31	0.25	0.16	0.04	0	0	0.49	0	0.28	0.06
1913	7	19	0	0	0	0	0	0.06	0	0.04	0.01	0
1913	7	20	0.01	0	0	0.11	0	0	0	0	0.18	0.04
1913	7	21	0	0	0.23	0.08	0.09	0.06	0.02	0	0.02	0
1913	7	22	0	0	0	0	0	0	0	0	0	0
1913	7	23	0	0	0	0	0	0	0.03	0	0.03	0
1913	7	24	1.16	0.19	0.02	0.06	0.04	0.11	0.39	0.1	0.22	0.08
1913	7	25	0	0.04	0	0	0.2	0	0	0	0.18	0.26
1913	7	26	0	0	0	0	0	0	0	0	0	0
1913	7	27	0	0	0	0	0	0	0	0	0	0
1913	7	28	3.11	0.57	0.02	0.01	0	0.18	0.53	0.3	1.05	1.41
1913	7	29	0.03	0	0	0	0.63	0.02	0	0	0.08	0
1913	7	30	0	0.91	0.01	0	0	0	0	0.05	0.15	0.05
1913	7	31	0	0	0	0	0	0	0	0	0	0
1913	8	1	0.5	0	0	0	0	0	0.13	0	0	0
1913	8	2	0	0.37	0	0	0.07	0	0	0	0	0
1913	8	3	0	0	0	0	0	0	0.07	0	0.44	0.3
1913	8	4	0.04	0.21	0.4	0.48	0.09	0.42	0.02	1.49	0	0
1913	8	5	0	0	0	0	0.01	0	0	0	0	0
1913	8	6	0.04	0	0	0	0	0.04	0.16	0.21	0	0
1913	8	7	1	0	0	0	0.1	0	0	0.02	0	0
1913	8	8	0	0	0	0	0	0	0	0	0	0
1913	8	9	0	0	0	0	0	0	0.16	0	0.04	0
1913	8	10	0.08	0.04	0.03	0.04	0	0.1	0	0.05	0.01	0
1913	8	11	0.05	0	0	0	0	0	0	0	0	0
1913	8	12	0	0	0	0	0	0	0	0	0	0
1913	8	13	0	0.18	0	0	0	0.05	0.27	0.06	0	0
1913	8	14	0	0	0	0	0.19	0	0	0	0	0
1913	8	15	0	0	0	0	0	0	0	0	0	0
1913	8	16	0	0	0	0	0	0	0	0	0	0
1913	8	17	0	0	0	0	0	0	0	0	0	0
1913	8	18	0	0	0	0	0	0	0	0	0	0
1913	8	19	0	0	0	0	0	0	0	0	0	0
1913	8	20	0	0	0	0	0	0	0	0	0	0
1913	8	21	0	0	0	0	0	0	0	0	0	0

1913	8	22	0.46	0	0	0	0	0.05	0.67	0	0.13	0.1
1913	8	23	0.03	0.34	0.5	0.88	0.29	0.37	0.05	0.6	0.01	0
1913	8	24	0	0	0	0	0	0	0.31	0	0	0
1913	8	25	0	0	0	0	0	0	0	0	0	0
1913	8	26	0	0	0.01	0	0	0.04	0.54	0	0.21	0.1
1913	8	27	0.06	0.8	0.3	0.71	0.03	0.06	0.11	0.03	0.04	0.45
1913	8	28	0	0	0	0	0	0	0	0	0	0
1913	8	29	0.11	0.52	0.36	0.71	0.29	0.66	0.05	0.57	0.22	0.28
1913	8	30	0.01	0.4	1.39	0.37	0.07	0.51	0	1.07	0	0
1913	8	31	0	0	0	0	0	0	0	0	0	0
1913	9	1	0	0	0	0	0	0	0	0	0	0
1913	9	2	0	0	0	0	0	0	0	0	0	0
1913	9	3	0	0	0	0	0	0	0.73	0	0.19	0
1913	9	4	3.48	0.05	0.23	0.13	0	0.48	0	0.29	0	0
1913	9	5	0.66	0.7	0	0	0.44	0	0	0	0	0
1913	9	6	0.01	0	0	0	0	0	0	0	0	0
1913	9	7	0.18	0	0	0	0	0	0	0	0	0
1913	9	8	0	0.25	1.69	1.63	0	0	0.25	0	0	0
1913	9	9	0	0	0	0	0	0	0	0	0	0
1913	9	10	0	0	0	0	0	0	0	0	0	0
1913	9	11	0	0	0	0.06	0	0	0	0	0	0
1913	9	12	0.02	0	0	0	0	0	0	0	0	0
1913	9	13	0.27	0.12	0.05	0.32	0	0.04	0.48	0.06	0.27	0
1913	9	14	0	0	0	0	0	0	0	0	0	0
1913	9	15	0	0	0	0	0	0	0	0	0	0
1913	9	16	0	0	0	0	0	0	0	0	0	0
1913	9	17	0	0	0	0	0	0.06	0.57	0.01	0.08	0.03
1913	9	18	0.73	0.45	0.3	0.33	0.41	0.16	0.56	0.22	0.06	0.12
1913	9	19	0.38	0.37	0.03	0	0	0.04	0	0.04	0	0
1913	9	20	0.07	0.1	0.03	0.16	0.01	0.09	0	0.07	0	0
1913	9	21	0.27	0.08	0.36	0.03	0.02	0.23	0.04	0.23	0.05	0.05
1913	9	22	0.93	0.39	0.64	1.62	0.58	2.16	1.58	2.23	2.01	2.05
1913	9	23	0	0	0.12	0.57	0.33	0	0.01	0.01	0	0
1913	9	24	0	0	0	0	0	0	0	0	0	0
1913	9	25	0	0	0	0	0	0	0	0	0	0
1913	9	26	0	0	0	0	0	0	0.06	0	0	0
1913	9	27	0	0	0.01	0	0	0	0	0	0	0
1913	9	28	0	0	0	0	0	0	0	0	0	0
1913	9	29	0	0	0	0	0	0	0	0	0	0
1913	9	30	0	0	0	0	0	0	0	0	0	0
1913	10	1	4.98	0	0	0	0	0.01	0	0.02	0.01	0.1
1913	10	2	0.3	0.75	1.45	1.53	0.91	1.73	2.56	2.07	0.87	1
1913	10	3	0	0	0	0.03	0.12	0	0.05	0.05	0.09	0.4

1913	10	4	0	0.29	0.14	0.1	0	0	0	0	0	0
1913	10	5	0	0	0	0.01	0	0	0	0	0	0
1913	10	6	0	0	0	0	0	0	0	0	0	0
1913	10	7	0	0	0	0	0	0	0	0	0	0
1913	10	8	1.12	0	0.01	0.02	0.01	0	0	0	0	0
1913	10	9	0	0	0.01	0	0	0	0	0	0	0
1913	10	10	0	0.04	0.03	0	0	0	0	0.01	0	0
1913	10	11	0.01	0.07	0.08	0.05	0	0.01	0.25	0.03	0.09	0
1913	10	12	0.92	0.75	0.28	0.51	0.5	0.45	0.01	0.41	0.16	0.45
1913	10	13	0	0	0	0	0	0	0	0	0.21	0.15
1913	10	14	0	0.74	0.7	0.69	0.02	0.27	0	0.05	0.04	0
1913	10	15	0	0.28	0	0.07	0	0.06	0.13	0.07	0	0.08
1913	10	16	0	0.51	0.34	0.26	0	0.16	0	0.05	0	0
1913	10	17	0	0	0	0	0	0	0	0	0	0
1913	10	18	0.08	0	0.02	0.02	0	0.01	0.09	0	0.03	0.08
1913	10	19	0.35	0.31	0.04	0.08	0.11	0.11	0.03	0.11	0.23	0
1913	10	20	1.07	1.13	0.88	1.36	0.42	0.63	1.04	0.85	0.52	1.25
1913	10	21	0	0	0	0.9	0.74	0	0.16	0.03	0.01	0
1913	10	22	0	0	0	0	0	0	0	0	0	0
1913	10	23	0	0	0	0	0	0	0	0	0	0
1913	10	24	0.64	0.05	0.12	0.02	0	0.19	0.57	0.11	0.08	0.04
1913	10	25	3.3	0.42	0.8	0.42	0.34	0.68	0.22	0.87	0.04	1.2
1913	10	26	0.19	0.7	0.63	0.68	0.78	0.28	0.23	0.4	0.32	0.55
1913	10	27	0	0	0	0.17	0.16	0	0.01	0.03	0.02	0.02
1913	10	28	0.01	0	0	0.02	0	0.02	0.05	0.02	0.02	0.4
1913	10	29	0	0	0	0	0	0	0	0	0.06	0
1913	10	30	0	0	0.19	0.2	0	0.02	0.05	0.21	0.1	0
1913	10	31	0	0	0	0	0.01	0	0	0	0	0
1913	11	1	0	0	0	0	0	0	0	0	0	0
1913	11	2	0	0	0	0	0	0	0	0	0	0
1913	11	3	0	0	0	0	0	0	0.01	0	0	0
1913	11	4	0.01	0.01	0.06	0.08	0.02	0.1	0.1	0.1	0	0
1913	11	5	0	0	0	0	0.01	0	0	0	0	0
1913	11	6	0	0	0	0	0	0	0	0	0	0
1913	11	7	0	0	0	0	0	0	0	0	0	0
1913	11	8	0.25	0	0.05	0.02	0	0.02	0.09	0.06	0.03	0
1913	11	9	0.61	0.43	0.3	0.42	0.07	0.64	0.36	0.43	0.28	0
1913	11	10	0	0	0	0.52	0.43	0	0	0.31	0	0.35
1913	11	11	0	0	0	0	0	0	0.09	0	0	0
1913	11	12	0	0	0	0	0	0	0	0	0	0
1913	11	13	0	0	0	0	0	0	0.12	0.03	0	0
1913	11	14	0	0.06	0.1	0.11	0	0.12	0	0.1	0	0.1
1913	11	15	0.01	0	0	0	0.15	0	0	0	0	0

1913	11	16	0.65	0.2	0	0	0.02	0	0	0	0	0
1913	11	17	0.16	0	0	0	0.1	0	0	0	0	0
1913	11	18	0	0	0	0	0	0	0	0	0	0
1913	11	19	0	0	0.08	0	0	0.06	0.81	0	0.11	0.22
1913	11	20	0.06	0.16	0.15	0.47	0.21	0.06	0.01	0.19	0	0
1913	11	21	0	0	0	0	0	0	0	0	0	0
1913	11	22	0	0	0	0	0	0	0.12	0	0	0
1913	11	23	0	0	0	0	0	0	0.16	0	0.05	0
1913	11	24	0	0	0	0	0	0.03	0.13	0	0.08	0.06
1913	11	25	0	0	0	0.04	0.08	0	0.01	0.03	0	0
1913	11	26	0	0	0	0	0	0	0	0	0	0.05
1913	11	27	0	0	0	0	0	0	0	0	0	0
1913	11	28	0	0	0.08	0	0	0.3	0.38	0.02	0.13	0.09
1913	11	29	0.41	1.29	0.38	0.27	0.35	0.44	0	0.59	0	0.07
1913	11	30	0	0	0	0	0.04	0	0.06	0	0	0
1913	12	1	0	0	0.01	0.08	0	0.01	0.15	0	0.02	0.12
1913	12	2	0	0	0	0	0	0	0.01	0	0	0
1913	12	3	0	0	0.05	0.16	0	0	0.22	0	0.14	0.1
1913	12	4	0	0	0	0	0	0	0	0	0.08	0.05
1913	12	5	0	0	0	0	0	0	0	0	0	0
1913	12	6	0	0	0	0	0	0	0	0	0	0.02
1913	12	7	0.7	0.89	1.39	0.55	0.12	1.03	0.24	0.95	0.11	0.45
1913	12	8	0.04	0.3	0.46	1.73	0.13	0.07	0.22	0.43	0.31	1
1913	12	9	0	0	0	0	0.01	0	0	0	0	0
1913	12	10	0.03	0	0.01	0	0	0	0.63	0	0.02	0.01
1913	12	11	0	0	0	0	0.12	0	0.04	0	0.08	0.15
1913	12	12	0	0	0	0	0.03	0	0	0	0	0
1913	12	13	0	0	0	0	0	0	0	0	0	0
1913	12	14	0	0	0	0	0	0	0	0	0.03	0.02
1913	12	15	0	0	0	0	0	0	0	0	0	0
1913	12	16	0	0	0	0	0	0	0.03	0	0	0
1913	12	17	0	0	0	0	0	0	0	0	0	0
1913	12	18	0	0	0	0	0	0	0	0	0	0.02
1913	12	19	0	0	0	0	0	0	0	0	0	0
1913	12	20	0	0	0	0	0	0	0	0	0	0
1913	12	21	0.02	0	0.01	0	0	0	0	0	0	0
1913	12	22	0.1	0	0	0	0.01	0	0	0	0	0
1913	12	23	1.61	0.36	0.25	0	0	0.4	0.87	0.05	0.52	0.1
1913	12	24	0.02	0.5	1.16	1.05	0.32	0.12	0.8	1	0	0.36
1913	12	25	0.43	0.15	0.05	0	0	0.1	0	0	0	0
1913	12	26	0.64	0.85	0.9	0.58	0.7	0.35	0.13	0.75	0.27	0.75
1913	12	27	0	0	0	0.02	0.16	0	0	0	0	0
1913	12	28	0	0	0	0	0	0	0	0	0	0

1913	12	29	0	0	0	0	0	0	0.04	0	0	0
1913	12	30	0	0	0	0	0	0	0.08	0	0	0
1913	12	31	0	0	0	0	0	0	0	0	0.03	0.05
1914	1	1	0	0	0	0	0	0	0	0	0	0
1914	1	2	0	0	0	0	0	0	0	0	0	0
1914	1	3	0.21	0	0	0	0	0	0	0	0	0
1914	1	4	0.98	0.35	0.02	0	0	0.21	0	0.03	0	0
1914	1	5	0.17	0	0	0	0	0	0	0	0	0
1914	1	6	0	0	0	0	0	0	0.01	0	0	0
1914	1	7	0	0.03	0.04	0	0	0.08	0.07	0.04	0	0
1914	1	8	0	0	0.02	0	0	0.1	0.06	0.06	0.02	0.03
1914	1	9	0	0	0.1	0.04	0.03	0.07	0.1	0.09	0.05	0.05
1914	1	10	0	0	0.04	0.21	0.03	0	0.15	0.04	0.28	0.25
1914	1	11	0	0	0	0	0	0	0.05	0	0	0
1914	1	12	0	0.01	0.03	0.04	0	0	0.8	0.04	0.01	0.05
1914	1	13	0	0	0	0	0.01	0	0	0	0	0
1914	1	14	0	0	0	0	0	0	0	0	0	0
1914	1	15	0.01	0.08	0.03	0	0	0.08	0.01	0	0	0
1914	1	16	0.24	0	0.01	0.04	0.02	0	0.01	0.04	0	0
1914	1	17	0.18	0	0.02	0.01	0.29	0	0	0	0	0
1914	1	18	0	0	0	0	0.01	0	0	0	0	0
1914	1	19	0	0	0	0	0	0	0.23	0	0.01	0
1914	1	20	0.02	0.22	0.18	0.01	0	0.2	0	0.05	0.07	0.07
1914	1	21	0.48	0.74	1	0.29	0.32	0.32	0.7	0.49	0.24	0.01
1914	1	22	0	0	0	0	0.03	0	0	0	0	0
1914	1	23	0	0	0	0	0	0	0.01	0	0	0
1914	1	24	1.07	0.55	0.61	0.26	0	0.8	0.84	0.33	0.12	0
1914	1	25	0.4	0.21	0.34	1.03	0.54	0.1	0	0.73	0.02	0
1914	1	26	0	0.05	0.1	0.07	0	0.09	0.1	0.08	0	0
1914	1	27	0	0	0	0.01	0.09	0	0.05	0	0.24	0
1914	1	28	0	0	0.05	0.24	0	0	0.44	0	0.14	0.35
1914	1	29	0	0	0.02	0	0	0.01	0	0	0	0
1914	1	30	0	0	0	0.01	0	0	0	0	0	0
1914	1	31	1.51	1.02	0.58	0.12	0.05	0.69	0.6	0.65	0.4	0.35
1914	2	1	0	0.02	0	0.31	0.49	0	0.07	0.05	0	0.1
1914	2	2	0	0	0	0	0	0	0	0	0	0
1914	2	3	0	0.03	0	0	0	0	0.1	0	0	0
1914	2	4	0	0.14	0.17	0.14	0	0.07	0.07	0.08	0	0.05
1914	2	5	0	0	0	0	0	0	0	0	0	0
1914	2	6	0.35	0.41	0.7	0	0	0.2	0.42	0	0.03	0
1914	2	7	0.15	0.25	0.48	0.59	0.03	0.16	0.23	0.42	0	0.05
1914	2	8	0	0	0	0	0	0	0	0	0	0
1914	2	9	0	0	0	0	0	0	0.02	0	0	0

1914	2	10	0.05	0	0	0	0	0	0	0	0	0
1914	2	11	0	0	0	0	0	0	0	0	0	0
1914	2	12	0	0	0	0	0	0	0	0	0	0
1914	2	13	0.29	0	0	0	0	0	0	0	0	0
1914	2	14	1.59	1.49	2.27	0.8	0.8	0.96	0.35	1.06	0.36	1
1914	2	15	0	0	0	0.5	0.79	0	0	0	0	0
1914	2	16	0.34	0.27	0.07	0.02	0	0.04	0	0.06	0	0.04
1914	2	17	0.01	0	0	0	0.02	0	0	0	0	0
1914	2	18	0	0	0	0	0.01	0	0	0	0	0
1914	2	19	0.47	0.46	0.23	0.15	0.14	0.22	0	0.14	0	0
1914	2	20	0	0	0	0.02	0.06	0	0	0	0	0
1914	2	21	0	0	0	0.01	0	0	0	0	0	0
1914	2	22	0	0	0	0	0	0	0.28	0	0.02	0.1
1914	2	23	0.07	0	0	0.01	0	0	0	0	0	0
1914	2	24	0.01	0	0	0	0	0	0	0	0	0
1914	2	25	0	0	0	0	0	0	0	0	0	0
1914	2	26	0	0	0	0	0	0	0.01	0	0	0
1914	2	27	0	0	0	0	0	0	0.02	0	0	0
1914	2	28	0	0	0	0	0	0	0	0	0	0
1914	3	1	2.95	1.18	1.87	0.71	0	2.24	0.44	1.62	0.54	0
1914	3	2	0.16	0.17	0.19	1.14	1.1	0.12	0.34	1.11	0.03	0.45
1914	3	3	0	0.09	0.31	0.53	0	0.01	0.04	0.12	0	0.02
1914	3	4	0	0	0.04	0.03	0	0	0.13	0	0.02	0
1914	3	5	0	0	0	0	0	0	0.01	0	0	0
1914	3	6	0.29	0.35	0.77	0.02	0	0.33	0.12	0.24	0.12	0.15
1914	3	7	0.04	0.02	0.01	0.33	0.27	0.09	0.37	0.07	0.24	0.2
1914	3	8	0	0	0	0	0	0	0.07	0	0	0
1914	3	9	0	0	0	0	0	0	0.03	0	0.03	0
1914	3	10	0	0	0	0	0	0	0	0	0	0
1914	3	11	0	0	0	0	0	0	0	0	0	0
1914	3	12	0	0	0	0	0	0	0	0	0	0
1914	3	13	0	0	0	0	0	0	0	0	0	0
1914	3	14	0	0	0	0	0	0	0.26	0	0	0
1914	3	15	0	0	0.01	0.04	0	0	0	0	0.02	0
1914	3	16	0	0	0	0	0	0	0.01	0	0	0
1914	3	17	0	0.06	0.07	0.12	0.12	0.07	0	0.04	0	0
1914	3	18	0.44	0.42	0.36	0.27	0	0.32	0.57	0.43	0.31	0.15
1914	3	19	0	0	0	0.21	0.34	0	0.12	0	0.02	0
1914	3	20	0	0	0	0	0	0	0	0	0	0
1914	3	21	0	0	0	0	0	0	0	0	0	0
1914	3	22	0.2	0.07	0.02	0	0	0	0.02	0	0	0
1914	3	23	0	0.03	0	0	0	0	0	0	0.01	0.01
1914	3	24	0	0	0	0	0.03	0	0	0	0	0

1914	3	25	0	0	0	0	0	0	0	0	0	0
1914	3	26	0.05	0.03	0.02	0	0	0	0.02	0.03	0	0
1914	3	27	0	0.33	0.2	0	0	0.06	0.02	0.04	0.07	0.21
1914	3	28	0.52	1.03	0.13	0	0.91	0.35	0	0.54	0	0
1914	3	29	0	0	0	0	0.22	0.01	0	0	0	0
1914	3	30	0.09	0.38	0.37	0.42	0	0.3	0.17	0.43	0.43	0.25
1914	3	31	0	0	0	0.27	0.45	0	0	0	0	0
1914	4	1	0.26	0.17	0.64	0	0	0.61	0.14	0.22	0.48	0.2
1914	4	2	0	0.26	0.54	1.3	0.52	0.16	0.03	0.7	0.16	0.45
1914	4	3	0	0	0.01	0	0.09	0.01	0	0	0	0
1914	4	4	0	0	0	0	0.02	0	0	0	0	0
1914	4	5	0.06	0	0.03	0	0.1	0	0.03	0	0.01	0.16
1914	4	6	0	0	0	0.03	0.01	0	0	0	0	0
1914	4	7	0	0.51	0.34	0.06	0.04	0.27	0	0.1	0.06	0.01
1914	4	8	0.36	0.62	0.52	0.54	0.34	0.48	0.68	0.49	1.29	1
1914	4	9	0	0.25	0.3	0.92	1.46	0.02	0.04	0.56	0	0.2
1914	4	10	0	0	0	0	0	0	0	0	0	0
1914	4	11	0	0	0	0	0	0	0	0	0	0
1914	4	12	0.03	0.03	0	0	0.06	0	0.07	0.02	0	0
1914	4	13	0	0	0	0.05	0	0	0	0	0	0
1914	4	14	0	0	0	0	0	0	0	0	0	0
1914	4	15	0.55	0.32	0	0	0	0.03	0	0	0	0
1914	4	16	0.16	1.24	0.56	0.61	0.37	0.08	0.04	0.62	0.53	0.44
1914	4	17	0	0	0	0.05	0.05	0	0	0.07	0	0
1914	4	18	0	0	0	0	0	0	0.01	0	0	0
1914	4	19	0	0	0	0	0	0.01	0.11	0	0.04	0.05
1914	4	20	0.12	0.26	0.22	0.53	0.68	0.55	0.09	0.68	0.48	0.7
1914	4	21	0	0	0	0.73	0.84	0	0	0.46	0	0.55
1914	4	22	0.02	0	0	0	0	0	0	0	0	0
1914	4	23	0	0	0	0	0	0	0	0	0	0
1914	4	24	0	0	0	0	0	0	0	0	0	0
1914	4	25	0.41	0	0	0	0	0	0	0	0	0
1914	4	26	1.34	1.43	0.73	0.15	0.46	1.07	0.15	0.73	0.66	0.5
1914	4	27	0	0.73	0.37	0.29	0.13	0.18	0	0.5	0.01	0.25
1914	4	28	0	0	0.01	0	0.01	0	0.11	0.08	0	0
1914	4	29	0.01	0.05	0.15	0	0.01	0.37	0.07	0.41	0.52	0.55
1914	4	30	0.02	0	0	0	0.57	0.03	0	0.12	0.03	0.25
1914	5	1	0	0	0	0	0.02	0	0	0	0	0
1914	5	2	0	0	0	0	0	0	0	0	0	0
1914	5	3	0	0	0	0	0	0	0	0	0	0
1914	5	4	0.02	0	0	0	0	0.01	0	0	0.08	0
1914	5	5	0.95	1.29	0.42	0.22	0.29	0.66	0.06	0.48	0	0.2
1914	5	6	0.14	0.13	0.05	0	0.7	0.06	0	0.07	0	0

1914	5	7	0	0	0	0	0	0	0	0	0	0
1914	5	8	0.02	0.46	0.64	0.27	0	0.2	0	0	0	0
1914	5	9	0	0.02	0.47	1.3	0	0	0	0.32	0	0
1914	5	10	0	0	0	0	0	0	0	0	0	0
1914	5	11	0.54	0.02	0	0	0	0	0	0	0	0
1914	5	12	0.26	0.47	0.05	0	0.05	0.36	0	0.07	0.01	0.4
1914	5	13	0.01	0.39	0.38	0.12	1.15	0.25	0.06	0.57	0.06	0.02
1914	5	14	0	0	0	0	0	0	0.02	0.01	0.03	0
1914	5	15	0	0	0	0	0	0	0	0	0	0
1914	5	16	0	0	0	0	0	0	0	0	0	0
1914	5	17	0	0	0	0	0	0	0	0	0	0
1914	5	18	0	0	0	0	0	0	0	0	0	0
1914	5	19	0	0	0	0	0	0	0	0	0	0
1914	5	20	0	0	0	0	0	0	0	0	0	0
1914	5	21	0	0	0	0	0	0	0	0	0	0
1914	5	22	0	0	0	0	0	0	0.1	0	0	0
1914	5	23	0	0	0	0	0.04	0	0.1	0	0.09	0.25
1914	5	24	0	0	0	0	0	0	0	0	0	0
1914	5	25	0	0	0	0	0.04	0	0.01	0.01	0	0
1914	5	26	0	0	0	0	0.03	0	0	0	0.01	0
1914	5	27	0.3	0	0	0	0	0	0	0	0	0.1
1914	5	28	0	0	0	0	0	0	0	0	0	0
1914	5	29	0	0	0	0	0	0	0	0	0	0
1914	5	30	0.01	0	0.01	0.02	0	0	0.19	0	0	0
1914	5	31	0	0	0	0	0	0	0.88	0	0.08	0.05
1914	6	1	0	0	0.01	0.2	0	0.04	0.13	0	0	0.01
1914	6	2	0	0	0	0	0	0	0.01	0	0	0
1914	6	3	0	0	0	0	0	0.04	0	0	0.02	0
1914	6	4	0.74	0.1	0.74	0.78	0.32	0.88	0.13	1.69	0.5	0.92
1914	6	5	0	0	0	0.25	0.27	0	0.01	0.03	0	0
1914	6	6	0	0	0	0	0	0	0	0	0	0
1914	6	7	0.09	0	0	0	0	0	0	0	0	0
1914	6	8	0.02	0	0	0	0.28	0	0	0.03	0	0
1914	6	9	0	0	0	0	0	0	0	0	0	0
1914	6	10	0	0	0	0.11	0	0	0	0	0	0
1914	6	11	0	0	0	0	0	0	0	0	0	0
1914	6	12	0	0	0	0	0	0	0	0	0	0
1914	6	13	0	0	0	0	0	0	0.01	0	0	0.02
1914	6	14	0	0	0	0	0	0	0	0	0	0
1914	6	15	0.5	0.02	0.47	0.54	0	0.04	0	0	0.14	0.05
1914	6	16	0.02	0.05	0	0.65	0.2	0	0.29	0.3	0.22	0.15
1914	6	17	0	0	0	0	0	0	0	0	0	0
1914	6	18	0	0	0	0	0	0	0	0	0	0

1914	6	19	0.24	0	0	0	0	0.01	0.56	0.03	1.32	0.75
1914	6	20	0	0.35	0.39	0.4	0.24	0.36	0.02	0.36	0	0
1914	6	21	0	0	0	0	0	0	0	0	0	0
1914	6	22	0.08	0	0	0	0	0	0	0	0	0
1914	6	23	0	0	0	0	0	0	0	0	0	0
1914	6	24	0.08	0	0	0.15	0	0	0.23	0	0.26	0.1
1914	6	25	0.02	0	0	0.2	0	0	0	0	0	0
1914	6	26	0	0	0	0	0	0	0	0	0	0
1914	6	27	0.09	0.08	0	0	0	0	0	0	0	0.1
1914	6	28	0.05	0.59	0.02	0.02	0.07	0.32	0.5	0	0.38	0.05
1914	6	29	0.13	0.21	0.54	0.63	0.1	0.7	0.84	0.64	0.36	0
1914	6	30	0	0	0.17	0.3	0.11	0	0.17	0	0.1	0.2
1914	7	1	0.62	0.07	0.18	0.1	0	0.21	0	0	0.29	0.05
1914	7	2	1.79	1.04	1.18	0.98	0.27	0.59	0.24	0.93	0.08	0.4
1914	7	3	0	0	0	0.1	0.24	0.03	0	0.08	0.02	0.1
1914	7	4	0	0	0	0	0	0	0	0	0	0
1914	7	5	0	0	0	0	0	0.35	0.07	0.23	0.02	0.53
1914	7	6	0.03	0.07	0	0	0.08	0	0	0.01	0	0
1914	7	7	0.98	0.96	0.69	0.36	0.59	0.2	0.03	0.34	0.21	0.2
1914	7	8	0	0	0	0	0.46	0.06	0	0	0.29	0
1914	7	9	0	0	0	0	0	0	0	0.02	0	0
1914	7	10	0	0	0	0	0	0	0	0	0	0
1914	7	11	0.04	0.03	0.13	0	0	0.82	0.07	0.34	0.05	0.2
1914	7	12	0	0.02	0.02	0	0.05	0	0	0.02	0	0.05
1914	7	13	0	0	0	0	0	0	0	0	0	0
1914	7	14	0.13	0	0	0	0	0	0	0	0	0
1914	7	15	0.03	0	0	0	0	0	0	0	0	0
1914	7	16	0.06	0	0	0	0	0.02	0.03	0.01	0	0
1914	7	17	0	0	0	0	0	0	0.02	0	0.35	1.95
1914	7	18	0	0	0.15	0.36	0.06	0	0	0.03	0.04	0
1914	7	19	0	0	0.24	0	0	0	0	0	0	0
1914	7	20	0	0.24	0	0	0	0	0	0	0	0
1914	7	21	0.23	0	0.34	0.02	0	0.35	0	0.21	0.06	0.1
1914	7	22	0	0.13	0	0	0.17	0	0	0	0	0
1914	7	23	0.25	0	0.08	0.05	0	0.05	0.35	0.11	0.29	0.36
1914	7	24	0	0	0	0	0.31	0	0	0	0	0
1914	7	25	0.51	0	0	0	0	0	0.15	0	0.05	0
1914	7	26	0	0	0	0	0	0	0	0	0	0.08
1914	7	27	0.15	0	0	0	0	0	0	0	0	0
1914	7	28	0.5	0.06	0	0	0	0	0	0	0	0
1914	7	29	0.15	0	0.09	0.61	0.02	0.81	0	0.92	0.19	0.41
1914	7	30	0	0.02	0	0	0	0	0	0.01	0	0
1914	7	31	0	0	0	0	0	0	0	0	0	0

1914	8	1	0	0.06	0.14	0.1	0	0.12	0	0	0	0
1914	8	2	0.15	0	0.06	0	0	0.72	0.2	0	0.27	0.11
1914	8	3	0.07	0.11	0.16	0.28	0.12	0.09	0.08	0.38	0.01	0
1914	8	4	0	0	0	0.01	0	0	0	0	0	0
1914	8	5	0	0	0.01	0	0	0	0	0	0	0
1914	8	6	0	0	0.01	0	0	0	0	0	0	0
1914	8	7	0	0	0	0	0	0	0	0	0	0
1914	8	8	0.01	0	0	0.07	0	0	0	0.7	0.07	0
1914	8	9	0	0	0	0	0	0	0	0	0	0
1914	8	10	0	0	0	0	0	0	0.07	0	0	0
1914	8	11	0.37	0.03	0.43	0.09	0	0.23	0.22	1.91	0.78	0.4
1914	8	12	0.01	0.25	0.13	0.34	1.85	0	0	0.03	0	0
1914	8	13	0.01	0	0	0	0	0	0	0	0	0
1914	8	14	0	0	0.2	0.07	0	0.22	1.09	0	0.06	0.1
1914	8	15	0	0	0	0.35	0.61	0	0	0.52	0.3	0.22
1914	8	16	0	0	0	0	0	0	0.01	0	0	0
1914	8	17	0	0.06	0.02	0	0.01	1.23	0	1.49	0.03	2.05
1914	8	18	0	0.26	0	0.02	0.13	0.02	0.25	0.51	0.31	0
1914	8	19	0	0.06	0.18	0	0.14	0	0	0.02	0	0.1
1914	8	20	0.2	1.3	0.25	0.01	0.69	0.7	0	0	0.13	0.45
1914	8	21	1.06	0.63	0.62	0.47	0.32	0.38	0.28	0.92	0.01	0.65
1914	8	22	0	0	0	0	0.77	0	0.11	0	0	0
1914	8	23	0	0	0	0	0	0	0	0	0	0.2
1914	8	24	0	0.04	0	0.03	0.02	0	0	0.01	0	0
1914	8	25	0	0	0	0	0	0	0	0	0	0
1914	8	26	0	0	0	0	0	0	0	0	0	0
1914	8	27	0	0	0.02	0	0	0.04	0	0	0	0
1914	8	28	0.01	0	0.35	0.3	0.14	0.67	0	0.78	0.15	0.05
1914	8	29	0.63	0.4	1.19	1.07	0.23	1.49	1.08	1.16	0.65	0.95
1914	8	30	0.02	0	0.03	0.56	0.26	0	1.42	0.07	0	0
1914	8	31	0	0	0.01	0	0.01	0	0	0	0.01	0
1914	9	1	0	0	0.39	0	0	0	0.18	0.11	0.04	0
1914	9	2	0	0	0	0.13	0	0	0.76	0	0.21	0.7
1914	9	3	0	0	0	0	0.19	0.01	0	0.03	0	0
1914	9	4	0	0.13	0	0	0	0	0.1	0	0.02	0
1914	9	5	0	0	0	0	0	0	0	0	0	0
1914	9	6	0	0	0	0	0	0	0.36	0	0.79	0.21
1914	9	7	0	0	0	0	0	0	0.24	0	0.05	0.05
1914	9	8	0.01	0	0	0	0	0	0.12	0	0.01	0
1914	9	9	0	0	0.06	0.2	0	0	0	0	0.01	0.05
1914	9	10	0	0	0	0	0	0	0	0	0	0
1914	9	11	0	0	0	0	0	0	0	0	0	0
1914	9	12	0	0	0	0	0	0	0	0	0	0

1914	9	13	0	0	0	0	0	0	0	0	0	0
1914	9	14	0	0	0	0	0	0	0	0	0	0
1914	9	15	0	0	0	0	0	0	0	0	0	0
1914	9	16	0	0	0	0	0	0	0	0	0	0
1914	9	17	0	0	0	0	0	0	0	0	0	0
1914	9	18	0	0	0	0	0	0	0	0	0	0
1914	9	19	0	0	0	0	0	0	0	0	0	0
1914	9	20	0	0	0	0	0	0	0	0	0	0
1914	9	21	0	0	0	0	0	0	0	0	0	0
1914	9	22	0	0	0	0	0	0	0	0	0	0
1914	9	23	0	0	0	0	0	0	0.01	0	0.1	0
1914	9	24	0.17	0	0	0	0.03	0	0.26	0	0.29	0.1
1914	9	25	0.11	0	0.01	0	0.2	0.03	0.15	0.07	0.18	0.4
1914	9	26	0	0	0	0.02	0	0	0.01	0	0.03	0
1914	9	27	0	0	0.2	0.3	0	0	0.35	0.13	0.44	0
1914	9	28	0	0.01	0.07	0.02	0	0	0	0.01	0.06	0
1914	9	29	0	0.02	0	0	0	0.02	0.02	0	0.01	0
1914	9	30	0	0.05	0	0	0.05	0.15	0	0.14	0.12	0.21
1914	10	1	0	0	0	0	0	0	0	0	0	0
1914	10	2	0	0	0	0	0	0	0	0	0	0
1914	10	3	0	0	0	0	0	0	0	0	0	0
1914	10	4	0	0	0	0	0	0	0	0	0	0
1914	10	5	0	0	0	0	0	0	0	0	0	0
1914	10	6	0	0	0	0	0	0	0	0	0	0
1914	10	7	0	0	0	0	0	0	0	0	0	0
1914	10	8	0	0	0	0.02	0	0	0.2	0	0	0
1914	10	9	0	0	0	0	0	0	0.05	0	0	0
1914	10	10	0	0	0	0.02	0	0	0.29	0	0	0
1914	10	11	0	0	0	0	0	0.1	0.07	0	0.07	0.02
1914	10	12	0	0	0	0	0	0	0	0	0	0
1914	10	13	0	0	0	0	0	0	0	0	0	0
1914	10	14	0	0	0	0	0	0	0	0	0	0
1914	10	15	0.06	0	0	0	0	0	0.38	0	0.13	0
1914	10	16	1.9	0.57	0	0.05	0.1	0.07	0.05	0	0.07	0.1
1914	10	17	0.15	0.76	0.74	0.59	0.31	0.47	0.76	0.83	0.54	1
1914	10	18	0	0	0	0.02	0.03	0	0	0.01	0	0
1914	10	19	0.11	0.03	1.06	0.78	0.36	0.12	0.18	0.21	0.03	0.1
1914	10	20	0	0	0	0.05	0.01	0	0	0.02	0	0
1914	10	21	0	0	0	0	0	0	0	0	0	0
1914	10	22	0	0	0	0	0	0	0	0	0	0
1914	10	23	0	0	0	0	0	0	0	0	0	0
1914	10	24	0	0	0	0	0	0	0	0	0	0
1914	10	25	0	0	0	0	0	0	0	0	0	0

1914	10	26	0	0	0.01	0.03	0	0	0.12	0	0.06	0
1914	10	27	0	0.16	0.23	0.3	0.01	0	0	0	0.03	0.1
1914	10	28	0	0	0	0	0	0	0.1	0	0	0
1914	10	29	0	0	0	0	0	0.31	0.07	0	0	0
1914	10	30	0.01	0.02	0.01	0.06	0.02	0.05	0.12	0.2	0.17	0.15
1914	10	31	0	0	0	0	0	0	0	0	0	0
1914	11	1	0	0	0	0	0	0	0	0	0	0
1914	11	2	0.1	0.01	0	0.01	0.05	0.01	0.1	0	0.06	0.05
1914	11	3	0	0	0	0	0.05	0	0	0	0.01	0.01
1914	11	4	0	0	0	0.02	0	0	0.16	0	0	0.01
1914	11	5	0	0	0	0.01	0	0	0.04	0.01	0.12	0.15
1914	11	6	0	0	0	0	0	0	0.01	0	0.01	0
1914	11	7	0	0	0.16	0	0	0.1	0.1	0.13	0.09	0
1914	11	8	0.11	0.21	0.22	0.15	0	0.2	0	0.05	0	0.42
1914	11	9	0.01	0	0.01	0.08	0.37	0	0	0.11	0	0
1914	11	10	0	0	0	0.05	0	0	0	0	0	0
1914	11	11	0	0	0.05	0	0.01	0	0.22	0.03	0.01	0.08
1914	11	12	0	0	0	0	0	0	0.4	0	0.02	0
1914	11	13	0	0	0.37	0.06	0	0.05	0.35	0.05	0.12	0.15
1914	11	14	0	0	0	0.1	0.06	0	0	0.07	0	0
1914	11	15	1.71	0.14	0.23	0	0	0.56	1.33	0.1	0.2	0
1914	11	16	0.29	0.29	0.44	0.81	0.59	0.43	0.35	0.93	0.05	0.85
1914	11	17	0	0	0	0	0.03	0	0.02	0	0.02	0.03
1914	11	18	0	0	0	0	0.02	0	0	0	0	0
1914	11	19	1.07	1.66	1.47	0.01	0	0.72	0.25	0.17	0.13	0.05
1914	11	20	0.02	0.41	0.22	0.8	0.9	0.21	0.82	0.8	0.57	0.7
1914	11	21	0	0	0	0	0.1	0	0	0	0	0
1914	11	22	0	0	0	0	0	0	0	0	0	0.02
1914	11	23	0	0	0	0	0.01	0	0	0	0	0
1914	11	24	0	0	0	0	0	0	0.03	0	0	0
1914	11	25	0	0	0	0	0	0	0.08	0	0	0
1914	11	26	0	0	0	0	0	0	0	0	0	0
1914	11	27	0	0	0	0	0	0	0	0	0	0
1914	11	28	0	0	0	0	0	0	0	0	0	0
1914	11	29	0	0	0	0	0	0	0	0	0	0
1914	11	30	0	0	0	0	0	0	0	0	0	0
1914	12	1	0	0	0	0	0	0	0.09	0	0.04	0.05
1914	12	2	0	0.1	0.06	0.02	0	0.01	0.4	0	0.22	0
1914	12	3	0	0.01	0	0.15	0.02	0	0.01	0.05	0	0
1914	12	4	0	0	0	0	0	0	0	0	0	0
1914	12	5	0.06	0	0	0	0	0	0	0	0	0
1914	12	6	0.25	0	0	0	0	0	0	0	0	0
1914	12	7	1.81	0.46	0	0	0	0.02	0	0	0	0

1914	12	8	0.42	0.42	0	0	0.26	0	0	0	0	0
1914	12	9	0.06	0	0	0	0	0	0	0	0	0
1914	12	10	0	0	0	0	0	0	0	0	0.01	0.05
1914	12	11	0	0	0	0	0.01	0	0	0	0	0.1
1914	12	12	0	0	0	0	0	0	0	0	0	0
1914	12	13	1.21	0.43	0.17	0	0	0.52	0.58	0	0.17	0.21
1914	12	14	0	0.47	0.59	0.87	0.67	0.63	0.91	1.12	0.33	0.2
1914	12	15	0	0	0	0	0	0	0.06	0	0.01	0
1914	12	16	0	0	0	0	0	0	0.13	0	0	0
1914	12	17	0	0	0	0	0	0	0	0	0	0
1914	12	18	0	0	0	0	0	0	0	0	0	0
1914	12	19	0.08	0.23	0.45	0	0	0.06	0.33	0.26	0	0.1
1914	12	20	0	0	0	0.42	0.17	0.01	0	0.03	0	0
1914	12	21	0.88	0.92	1.51	0.52	0.16	0.67	0.55	1.07	0.11	0.15
1914	12	22	0	0	0.01	0.03	0.38	0	0.01	0	0	0
1914	12	23	0	0	0	0	0	0	0	0	0	0
1914	12	24	0.03	0.03	0.03	0	0.01	0.06	0.03	0	0.04	0.1
1914	12	25	0	0	0	0.04	0.06	0.01	0	0.07	0	0
1914	12	26	0	0	0	0	0	0	0	0	0	0
1914	12	27	0	0	0.05	0	0	0	0	0	0	0
1914	12	28	0	0	0	0	0	0	0	0	0	0
1914	12	29	0.44	0.39	0.03	0.14	0	0.08	0.18	0.25	0.32	0.28
1914	12	30	0	0	0.08	0.05	0.1	0	0.02	0.04	0	0
1914	12	31	0	0	0	0	0	0	0	0	0	0
1915	1	1	0	0.01	0.02	0	0	0	0	0	0	0
1915	1	2	0.01	0.01	0.11	0	0.01	0.08	0.21	0.09	0.03	0.2
1915	1	3	0	0	0	0.25	0.06	0	0	0	0.02	0
1915	1	4	0	0	0	0	0	0	0	0	0	0
1915	1	5	0	0	0	0	0	0	0	0	0	0
1915	1	6	0.02	0	0	0	0	0	0.47	0	0	0
1915	1	7	0.94	0.68	0.31	0.73	0.58	0.51	0.5	0.68	0.34	0.45
1915	1	8	0	0	0	0	0	0	0	0	0	0
1915	1	9	0	0	0	0	0	0	0	0	0	0
1915	1	10	0	0	0	0	0	0	0	0	0	0
1915	1	11	0	0	0	0	0	0	0	0	0	0
1915	1	12	2.35	1.46	0.27	0.22	0.33	0.3	0.01	0.35	0.1	0.14
1915	1	13	1.06	0.82	0.08	0.02	0.54	0	0	0.05	0	0
1915	1	14	0	0	0	0	0	0	0	0	0	0
1915	1	15	0.05	0	0.03	0	0.07	0.02	0	0.08	0.01	0
1915	1	16	0	0	0	0	0.03	0	0	0	0	0.02
1915	1	17	0.46	0	1.03	0.15	0	0.53	0.06	0.8	0	0.05
1915	1	18	1.07	1.41	1	1.06	0.1	0.81	0.09	0.98	0.24	0
1915	1	19	0.06	0.02	0.06	0.31	0.34	0.17	0.97	0.15	0.14	0.21

1915	1	20	0.01	0	0	0.08	0	0	0.03	0	0	0.31
1915	1	21	0.01	0	0	0	0	0	0	0	0	0
1915	1	22	0.04	0	0	0	0	0	0	0	0	0
1915	1	23	0.62	0.58	0.67	0.31	0.2	0.55	0.48	0.64	0.08	0.25
1915	1	24	0.07	0.03	0.02	0.23	0.12	0	0	0.02	0	0
1915	1	25	0.41	1.15	1.82	0.47	0.16	0.28	0.42	0.56	0.1	0.1
1915	1	26	0	0	0	0	0.08	0	0	0	0	0
1915	1	27	0	0	0.03	0	0	0	0	0	0	0
1915	1	28	0.04	0	0	0	0.01	0	0.12	0	0.03	0.05
1915	1	29	0	0	0	0	0.05	0	0	0	0	0
1915	1	30	0	0	0	0	0	0	0	0	0	0
1915	1	31	0.72	0.16	0.55	0	0	0.22	0.29	0.07	0.07	0.12
1915	2	1	2.12	0.88	0.13	0.38	0.27	0.03	0.07	0.35	0.25	0.45
1915	2	2	0.9	0.95	0.39	0.15	0.78	0.38	0.6	0.37	0.39	0
1915	2	3	0.16	0.03	0	0.13	0.25	0.03	0.19	0.21	0.12	0
1915	2	4	0	0	0	0	0.03	0	0	0	0	0
1915	2	5	0.06	0	0	0	0	0	0	0	0.04	0
1915	2	6	0.41	0.36	0.56	0.47	0.24	0.14	0.3	0.4	0.1	0.3
1915	2	7	0	0.08	0.4	0	0	0	0.02	0.15	0.05	0.06
1915	2	8	0	0.02	0.43	0.55	0.05	0.05	0.02	0.13	0	0.03
1915	2	9	0	0	0	0	0	0	0	0	0	0
1915	2	10	0	0	0	0	0	0	0	0	0	0
1915	2	11	0	0	0	0.05	0	0	0.04	0	0	0
1915	2	12	0	0.01	0	0	0.01	0	0	0	0.01	0
1915	2	13	0	0	0	0	0	0	0	0	0	0
1915	2	14	0.02	0	0	0	0	0	0	0	0	0
1915	2	15	0.51	0.31	0.71	0.56	0	0.79	0.3	0.69	0.22	0.3
1915	2	16	0.06	0.14	0.06	0.4	0.44	0	0.01	0.07	0	0
1915	2	17	0	0	0	0	0	0	0	0	0	0
1915	2	18	0	0	0	0	0	0	0	0	0	0
1915	2	19	0	0	0	0	0	0	0	0	0	0
1915	2	20	0	0	0	0	0	0	0	0	0	0
1915	2	21	0	0	0	0	0	0	0	0	0	0
1915	2	22	0	0	0	0	0	0	0	0	0	0
1915	2	23	0	0.03	0	0	0	0	0.11	0	0.01	0
1915	2	24	1.5	0.08	0.18	0.28	0	0.26	1.31	0.16	0.47	0.31
1915	2	25	0.27	0.58	0.83	0.93	0.85	1.21	0.91	1.67	1.58	0.25
1915	2	26	0	0	0.03	0.12	0.89	0	0.39	0.06	0.04	0.7
1915	2	27	0	0	0	0	0.05	0	0.05	0	0	0
1915	2	28	0	0	0	0	0	0	0	0	0	0
1915	3	1	0	0	0	0	0	0	0	0	0	0
1915	3	2	0	0	0.04	0	0	0	0.13	0	0.05	0
1915	3	3	0	0	0	0	0.02	0	0	0	0.01	0

1915	3	4	0	0	0	0	0	0	0	0	0	0
1915	3	5	0	0	0	0	0	0	0	0	0	0
1915	3	6	1.07	0	0	0	0	0	0	0	0	0
1915	3	7	0.16	0	0	0	0	0	0	0	0	0
1915	3	8	0	0	0	0	0	0	0	0	0	0
1915	3	9	0	0	0	0	0	0	0	0	0	0
1915	3	10	0	0	0	0	0	0	0	0	0	0
1915	3	11	0	0	0	0	0	0	0	0	0	0
1915	3	12	0	0	0	0	0	0	0	0	0	0
1915	3	13	0	0	0	0	0	0	0	0	0	0
1915	3	14	0	0	0	0	0	0	0	0	0	0
1915	3	15	0	0	0	0	0	0	0	0	0	0
1915	3	16	0	0	0	0	0	0	0	0	0	0
1915	3	17	0	0	0	0	0	0	0	0	0	0
1915	3	18	0	0	0	0	0	0	0	0	0	0
1915	3	19	0	0	0	0	0	0	0	0	0	0
1915	3	20	0	0	0	0	0	0	0.12	0	0	0
1915	3	21	0	0	0.04	0.05	0.01	0	0.17	0	0.13	0.12
1915	3	22	0	0	0	0	0.01	0	0.01	0.02	0	0.05
1915	3	23	0.02	0	0	0	0.05	0	0	0	0	0
1915	3	24	0	0	0	0	0	0	0	0	0	0
1915	3	25	0	0	0	0	0	0	0.19	0	0.02	0
1915	3	26	0	0	0.01	0.05	0	0	0.07	0.04	0.01	0
1915	3	27	0	0	0	0	0	0	0	0	0	0
1915	3	28	0	0	0	0	0	0	0	0	0	0
1915	3	29	0	0	0	0.02	0	0	0.08	0	0	0
1915	3	30	0	0	0	0	0	0	0	0	0	0
1915	3	31	0	0	0	0	0	0	0.04	0	0	0
1915	4	1	0	0	0	0	0	0	0	0	0	0
1915	4	2	0	0	0	0	0	0	0	0	0.08	0
1915	4	3	1.13	0.47	0.83	0	0	0.33	0	0.16	0	0
1915	4	4	0.05	0.02	0.03	0.62	0.16	0	0	0.21	0	0
1915	4	5	0	0	0	0	0	0	0	0	0	0
1915	4	6	0.09	0.13	0.41	0.36	0.04	0.23	0.14	0.3	0.19	0
1915	4	7	0.02	0	0	0.01	0.2	0	0.03	0	0	0
1915	4	8	0	0	0	0	0	0	0	0	0	0
1915	4	9	0	0	0	0	0	0	0	0	0	0
1915	4	10	0	0	0.01	0.07	0	0	0.15	0	0.04	0.05
1915	4	11	0.43	0	0.21	0.03	0.63	0.57	0.24	0.21	0.2	0.16
1915	4	12	0.23	0.13	0.04	0.22	0.03	0	0.01	0.43	0	0.15
1915	4	13	0	0	0	0	0	0	0	0	0	0
1915	4	14	0	0	0	0	0	0	0	0	0	0
1915	4	15	0	0	0	0	0	0	0	0	0	0

1915	4	16	0	0.4	0.07	0.04	0	0	0	0	0	0
1915	4	17	0	0	0	0.01	0	0	0	0	0	0
1915	4	18	0	0	0	0	0	0	0	0	0	0
1915	4	19	0	0	0	0	0	0	0.09	0	0	0
1915	4	20	0	0	0	0	0	0	0	0	0	0
1915	4	21	0	0	0	0	0	0	0	0	0	0
1915	4	22	0	0	0	0	0	0	0	0	0	0.15
1915	4	23	0.26	0	0	0.03	0	0	0.04	0.01	0.02	0
1915	4	24	0	0	0.02	0	0	0.01	0.08	0.05	0	0
1915	4	25	0	0	0.1	0.13	0	0	0.06	0	0.02	0
1915	4	26	0.06	0	0.37	0.3	0	0.02	0	0.03	0.04	0
1915	4	27	0.07	0	0	0.04	0	0	0	0	0	0
1915	4	28	0	0	0	0	0	0.03	0.1	0	0.11	0
1915	4	29	0.14	0	0.01	0.03	0.65	0.03	0.15	0.08	0.03	0.1
1915	4	30	0.1	0.71	1.33	0	0.43	1.4	0.35	1.81	0	0.02
1915	5	1	0	0.22	0.41	1.22	0.01	0.01	0.23	0.12	0.1	0
1915	5	2	0	0	0	0.04	0.18	0.01	0.11	0	0	0.34
1915	5	3	0.02	0.21	0.01	0.03	0.04	0.09	0	0.11	0	0
1915	5	4	0.37	0	0.01	0.03	0	0	0.03	0	0	0
1915	5	5	0.11	0	0	0	0.04	0	0	0	0	0
1915	5	6	0	0	0	0	0.02	0	0	0	0.01	0
1915	5	7	0	0.08	0.03	0	0	0	0.22	0.04	0.18	0
1915	5	8	0.01	0.02	0.88	0.41	0.31	0.17	0.52	0.1	0.18	0.3
1915	5	9	0.02	0	0	0	0	0	0.07	0	0	0
1915	5	10	0	0	0	0	0	0	0.05	0	0	0
1915	5	11	0	0	0	0	0	0	0	0	0	0
1915	5	12	0.82	0	0	0	0	0	0	0	0	0
1915	5	13	0.3	0.22	0.18	0	0.18	0.28	0.35	0.13	0.12	0
1915	5	14	0	0	0	0	0.2	0	0	0	0	0
1915	5	15	0	0	0	0	0	0	0	0	0	0
1915	5	16	0.06	0	0	0	0	0	0	0	0	0
1915	5	17	0.13	0.24	0	0	0.15	0.04	0.27	0.14	0.37	0.15
1915	5	18	0	0	0	0	0.05	0	0	0	0.02	0
1915	5	19	0	0	0	0.03	0	0	0.05	0	0.01	0
1915	5	20	0	0	0	0	0	0	0	0	0	0
1915	5	21	0.42	0.1	0.01	0	0	0.05	0	0	0.08	0.1
1915	5	22	0.79	0.39	0.01	0.05	0.38	0.01	0.15	0.01	0	0
1915	5	23	0	0	0	0	0.06	0	0	0	0	0
1915	5	24	0.18	0	0	0	0	0	0.06	0	0	0
1915	5	25	0	0	0	0	0	0	0	0	0	0
1915	5	26	0.01	0.16	0.51	0.58	0.01	0.33	0.21	0.18	0.66	0.55
1915	5	27	0	0	0	0.02	0.3	0	0	0	0	0
1915	5	28	0	0	0	0	0	0	0	0	0	0

1915	5	29	0	0	0	0	0	0	0	0	0	0
1915	5	30	0.03	0	0	0	0	0	0	0	0	0
1915	5	31	0	0	0	0	0	0	0	0	0	0
1915	6	1	0	0	0	0	0	0	0	0	0	0
1915	6	2	0	0	0	0	0	0	0	0	0	0
1915	6	3	0	0	0	0	0	0	0	0	0	0
1915	6	4	0	0	0	0	0	0	0	0	0	0
1915	6	5	0	0	0	0	0	0	0	0	0	0
1915	6	6	0.01	0.37	0.02	0	0	0.01	0	0	0	0
1915	6	7	0.01	0.09	0.12	0	0	0.05	0	0.05	0	0
1915	6	8	0	0	0.05	0.01	0.1	0.06	0.13	0.07	0.12	0.05
1915	6	9	0	0	0	0	0	0	0.06	0	0.07	0
1915	6	10	0	0	0	0.01	0	0	0.02	0	0	0.05
1915	6	11	0.17	0	0.08	0.02	0	0.07	0.27	0.15	1.13	0.8
1915	6	12	0	0	0.04	0.22	0	0.13	0	0.1	0	0
1915	6	13	0	0	0	0	0	0	0.22	0	0	0
1915	6	14	0	0	0	0	0	0	0.78	0	0.06	0
1915	6	15	1.13	0.03	0.11	0.07	0	0.09	0.68	0.02	0.64	0.25
1915	6	16	0.04	0	0	0.24	0.4	0	0	0	0	0
1915	6	17	0.02	0.69	0.32	0.67	0	0.38	0.1	0.49	0	0.15
1915	6	18	0	0	0	0.01	0.38	0	0	0	0	0
1915	6	19	0	0.04	0.03	0	0	0	0.12	0	0.06	0
1915	6	20	0.15	0.1	0.74	0.33	0.44	0.36	0.01	0.02	0	0
1915	6	21	0	0	0	0	0	0	0	0	0	0
1915	6	22	0.12	0	0	0	0	0	0	0	0	0
1915	6	23	0	0	0	0	0.27	0	0	0	0	0
1915	6	24	0	0	0.01	0.04	0.26	0	0.12	0	0.1	0
1915	6	25	0	0	0.06	0.38	0	0.05	0	0	0	0
1915	6	26	0.04	0.07	0.1	0.06	0.09	0	0	0	0	0
1915	6	27	0.23	0	0	0	0	0	0.05	0.01	0	0
1915	6	28	0	0	0	0	0	0	0	0	0	0
1915	6	29	0	0	0	0	0	0	0.03	0	0	0
1915	6	30	1.93	0	0.04	0	0.14	0.17	0	0.26	0	0.4
1915	7	1	0.03	4.45	0.96	1.24	1.61	2.67	0	2.49	0.14	0.45
1915	7	2	0.01	0.9	0.05	0.17	0.02	0.39	0.08	0.3	0	0
1915	7	3	0	0.05	3.22	1.56	0.18	0.9	0.07	1.26	0.26	0.1
1915	7	4	0	0.04	0.04	0.03	0.24	0	0.07	0.18	0.24	0
1915	7	5	1.22	0.18	0.33	0.24	0.06	0.23	0.34	0.95	0.42	0.45
1915	7	6	0	0	0	0	0.27	0	0	0	0	0
1915	7	7	0	0	0	0	0	0	0.01	0	0	0.05
1915	7	8	0.17	1.87	3.66	0.78	1.04	3.05	0.16	3.24	2.21	1.85
1915	7	9	0	0	0.31	2.59	1.91	0.01	0	0.66	0.12	0.05
1915	7	10	0	0	0	0	0	0	0	0	0	0

1915	7	11	0.11	0	0	0	0	0	0	0	0	0
1915	7	12	0.08	0.06	0.06	0	0.17	0.06	0	0.1	0.01	0
1915	7	13	0.01	0	0	0	0	0.15	0	0	0	0.03
1915	7	14	0	0.02	0.31	1.15	0	0.12	0	0.03	0.02	0.1
1915	7	15	0	0	0.07	0.02	0	0	0	0.02	0	0
1915	7	16	0.01	0	0	0	0	0.03	0.03	0.18	0	0
1915	7	17	0.07	0.1	0.26	0.11	0	0	0.04	0.11	1.11	0.2
1915	7	18	0	0	0	0.1	0	0	0	0.08	0	0
1915	7	19	0.01	0.09	0.01	0.06	0	0	0.07	0	0.19	0.18
1915	7	20	0	0	0	0	0.01	0	0	0	0	0
1915	7	21	0.01	0.06	0.02	0.02	0	0	0	0.01	0	0
1915	7	22	0.22	0	0	0	0.05	0.52	0	0.24	0	0.25
1915	7	23	0	0	0	0	0	0	0	0	0	0
1915	7	24	0	0	0	0	0	0	0	0	0.04	0
1915	7	25	0	0	0	0	0	0	0.06	0	0.02	0.05
1915	7	26	0.47	0	0.16	0.15	0	0.66	0.01	0.49	0.06	0.2
1915	7	27	0.09	0.43	0.64	0.15	0.05	0.62	0	0.3	0	0
1915	7	28	0.42	0.18	0.01	0	0	0.11	0.06	0.04	0.51	0
1915	7	29	0.08	0.29	0.73	0.75	0.21	0.72	0	1.02	0.11	0
1915	7	30	0	0	0	0.05	0	0	0	0	0	0
1915	7	31	0	0.13	0	0	0	0.05	0.01	0	0	0
1915	8	1	0.29	0	0.02	0.04	0	1.41	0.03	0.24	0	0
1915	8	2	0.17	0.18	0.91	0.25	0	0.23	0	0.48	0.11	0.1
1915	8	3	0.41	0.02	0	0.01	0.64	0.02	0	0	0	0
1915	8	4	3.25	2.28	0.9	0.06	0.92	1.86	0.1	0.68	0.02	0.3
1915	8	5	0.06	0	0.83	1.04	1.4	0.03	0	0.67	0	0
1915	8	6	0.68	0.01	0.01	0	0	0.35	0.01	0	0	0
1915	8	7	0.01	0.02	0.15	0.34	0.02	0.02	0	0.24	0.42	0
1915	8	8	0.21	0	0.49	0	0	0.23	0.08	0.03	0.24	1.12
1915	8	9	0.06	0.6	0.15	0.02	0.39	0.19	0.47	1.47	0.1	0.14
1915	8	10	0	0.03	0.56	0.08	0.3	0	0	0	0.15	0.05
1915	8	11	0	0	0	0	0.02	0	0	0	0	0
1915	8	12	0.35	0	0	0	0	0	0.01	0	0.07	0
1915	8	13	0	0.79	0.72	0.12	0.04	0.49	0.02	0.33	0.34	0.05
1915	8	14	0	0	0	0	0	0	0	0.51	0	0
1915	8	15	0	0	0.35	0	0	0.27	0.07	0.02	0.02	0
1915	8	16	0	0	0	0	0.64	0	0.22	0.24	0.24	0
1915	8	17	0	0.06	0.03	0.23	0.08	0	0.03	0	0.53	0.55
1915	8	18	0	0	0	0	0	0	0	0	0	0
1915	8	19	0	0	0	0	0	0	0	0	0	0
1915	8	20	0	0	0	0	0	0	0	0	0	0
1915	8	21	0.34	0	0	0	0	0	0.07	0	0.08	0.15
1915	8	22	0.18	1.18	0.53	0	0.43	0.58	0.81	1.15	0.39	0.51

1915	8	23	0	0.14	0	1.1	0.55	0.05	0.02	0.48	0.03	0
1915	8	24	0	0	0	0	0	0	0	0	0.13	0
1915	8	25	0.32	0.23	0.11	0.55	0.5	0.38	0.26	0.5	0	0.41
1915	8	26	0	0	0	0	0.02	0	0.02	0	0	0
1915	8	27	0	0	0	0	0	0	0	0	0	0
1915	8	28	0.01	0	0	0	0	0	0	0	0	0
1915	8	29	0.87	0.01	0	0	0.04	0	0.08	0.02	0	0
1915	8	30	0.05	0.08	0.11	0.08	0.12	0.15	0.16	0.17	0.01	0.05
1915	8	31	0	0	0	0	0.12	0	0	0	0	0
1915	9	1	0	0	0	0	0	0	0	0	0	0
1915	9	2	0	0	0	0	0	0	0	0	0	0
1915	9	3	0	0	0	0	0	0	0	0	0	0
1915	9	4	0	0	0	0	0	0	0	0	0	0
1915	9	5	0	0	0	0	0	0	0	0	0	0
1915	9	6	0.01	0	0	0	0	0.01	0.01	0	0	0
1915	9	7	0.02	0	0	0	0.02	0	0.05	0	0.02	0.05
1915	9	8	0	0	0	0	0	0	1.07	0	0.18	0.35
1915	9	9	0.01	0	0	0	0.04	0	0.05	0	0	0
1915	9	10	0	0	0	0	0	0	0	0	0	0
1915	9	11	0	0	0	0	0	0	0	0	0	0
1915	9	12	0	0	0	0	0	0	0.1	0	0.02	0
1915	9	13	0	0	0.24	0	0.2	0	0	0.09	0.03	0
1915	9	14	0	0	0	0.04	0.45	0	0.03	0	0	0
1915	9	15	0	0	0	0	0	0	0	0	0	0
1915	9	16	0	0	0	0	0	0	0	0	0	0
1915	9	17	0.02	0	0	0	0.04	0.53	0.22	0	0	0
1915	9	18	0	0	0	0	0.11	0	0	0	0	0
1915	9	19	1.46	0.1	0	0	0.12	0	0	0.03	0.01	0
1915	9	20	0	0	0	0	0	0	0	0.01	0	0
1915	9	21	0.82	0.59	0.23	0.65	0.46	0.59	0.25	1.29	0.53	0.2
1915	9	22	0	0	0	0.32	0.54	0	0	0	0	0
1915	9	23	0	0	0	0	0	0	0.03	0	0.02	0
1915	9	24	0	0	0	0	0.01	0.04	0	0.05	0.09	0.1
1915	9	25	0	0	0	0	0.01	0	0	0	0	0
1915	9	26	0.04	0	0.15	0.15	0	0.04	0.76	0.16	0.07	0.07
1915	9	27	0	0	0	0.05	0.17	0	0	0.04	0	0
1915	9	28	0	0	0	0	0	0	0	0	0	0
1915	9	29	0	0	0	0	0	0	0	0	0	0
1915	9	30	0	0	0	0	0	0	0	0	0	0
1915	10	1	0.67	0	0	0	0	0	0	0	0	0
1915	10	2	0.21	0.98	0.55	0.38	0.18	0.98	0.03	0.55	0.45	0.55
1915	10	3	0	0.02	0	0.05	0.15	0	0	0.06	0.02	0
1915	10	4	0	0	0	0	0	0	0	0	0	0

1915	10	5	0.25	0.38	0.18	0.28	0	0.08	0.63	0.04	1.02	0.7
1915	10	6	0	0	0	0	0.43	0	0	0.01	0.02	0
1915	10	7	0.45	0.05	0	0	0	0.09	0	0	0	0
1915	10	8	0.23	0.45	0.43	0.55	0.05	0.5	0	0.4	0.05	0
1915	10	9	0	0	0	0	0	0	0	0.03	0	0
1915	10	10	0	0	0	0	0	0	0	0	0	0
1915	10	11	0	0	0	0	0	0	0	0	0	0
1915	10	12	0	0	0	0	0	0	0	0	0	0
1915	10	13	0	0	0	0	0	0	0	0	0	0
1915	10	14	0.13	0	0	0	0	0	0.24	0	0.06	0.5
1915	10	15	0.01	0.7	0.09	0.21	1.1	0.42	0	0.29	0	0
1915	10	16	0	0	0	0	0	0	0	0.04	0	0
1915	10	17	0	0	0	0	0	0	0	0	0	0
1915	10	18	0	0	0	0	0	0	0	0	0.01	0
1915	10	19	0	0	0	0	0	0	0.4	0	0.65	0.4
1915	10	20	0	0.1	0.02	0.12	0.07	0.08	0.02	0.06	0	0
1915	10	21	0.03	0	0.01	0	0	0	0.15	0	0	0
1915	10	22	0	0	0	0	0	0	0	0	0	0
1915	10	23	0	0	0	0	0	0	0	0	0	0
1915	10	24	0	0	0	0	0	0	0	0	0	0
1915	10	25	0	0	0	0	0	0	0	0	0	0.01
1915	10	26	0.14	0.04	0.08	0	0	0.74	0.13	0.55	0.22	0.15
1915	10	27	0.14	0.1	0.04	0.96	0.17	0.01	0	0.48	0	0
1915	10	28	0	0	0	0	0	0	0.05	0	0	0
1915	10	29	0	0	0.08	0.07	0	0.13	0	0.07	0.01	0
1915	10	30	0	0	0.01	0.33	0	0	0.09	0.25	0.23	0.2
1915	10	31	0	0	0	0	0	0	0.01	0	0	0
1915	11	1	0	0	0	0	0	0	0	0	0	0
1915	11	2	0	0	0.03	0.03	0.02	0	0	0.09	0	0.03
1915	11	3	0	0.01	0.02	0.1	0.07	0.06	0.44	0	0.12	0
1915	11	4	0.05	0.03	0	0	0	0.05	0.08	0	0.04	0.08
1915	11	5	0	0.25	0.45	0.29	0.09	0.46	0.03	0.5	0.05	0
1915	11	6	0	0	0	0	0	0	0	0.03	0	0
1915	11	7	0	0	0	0	0	0	0	0	0	0
1915	11	8	0.05	0	0	0	0	0	0.01	0	0.05	0.05
1915	11	9	0.12	0	0	0	0.02	0.01	0.01	0.03	0	0
1915	11	10	0	0	0	0	0	0	0	0	0	0
1915	11	11	0	0	0	0	0	0	0	0	0	0
1915	11	12	0	0.05	0.09	0.07	0	0.03	0.12	0.05	0.03	0.02
1915	11	13	0	0	0	0.22	0.1	0	0	0.05	0	0
1915	11	14	0.35	0.13	0	0	0	0.03	0	0	0.05	0
1915	11	15	0.17	0.57	0.63	0.5	0.3	0.64	0.55	0.58	0.58	0.8
1915	11	16	0	0	0	0	0.18	0	0	0	0	0

1915	11	17	0	0	0	0	0	0	0	0	0	0
1915	11	18	0	0	0	0	0	0	0	0	0	0
1915	11	19	0.67	0.83	1.24	0.17	0	1.27	0.49	0.76	0.19	0.45
1915	11	20	0	0	0	1.05	0.62	0	0.12	0.19	0.06	0
1915	11	21	0	0	0.04	0.17	0	0	0.06	0.03	0.02	0.05
1915	11	22	0	0	0	0.04	0.06	0	0.01	0	0	0
1915	11	23	0	0	0	0	0	0	0.07	0	0	0
1915	11	24	0	0.04	0.1	0.16	0	0.05	0	0.06	0	0
1915	11	25	0	0	0	0	0	0	0	0	0	0
1915	11	26	0	0	0	0	0	0	0	0	0	0
1915	11	27	0.1	0	0.01	0	0	0	0.02	0	0.04	0
1915	11	28	0	0	0	0.14	0	0	0	0.02	0	0
1915	11	29	0.13	0.23	0.16	0.09	0.01	0.37	0.29	0.58	0.48	0.7
1915	11	30	0	0	0	0.05	0.64	0	0	0.12	0.01	0
1915	12	1	0	0	0	0	0	0	0	0	0	0
1915	12	2	0.01	0.01	0	0	0	0	0.01	0.02	0	0
1915	12	3	0	0	0	0	0.04	0.01	0	0.02	0	0.05
1915	12	4	0	0	0	0	0	0.01	0	0	0	0
1915	12	5	0	0	0.01	0.04	0	0	0.04	0	0.07	0.02
1915	12	6	0	0	0	0.04	0	0	0	0	0	0.05
1915	12	7	0	0	0	0	0	0	0	0	0	0
1915	12	8	0.01	0.06	0.04	0.01	0.05	0.08	0.23	0.05	0.03	0.04
1915	12	9	0	0.02	0.02	0	0.02	0.13	0.45	0.07	0.15	0.06
1915	12	10	0	0	0	0	0.01	0	0	0	0.02	0.05
1915	12	11	0	0	0	0	0	0	0	0	0	0
1915	12	12	0	0	0	0	0	0	0	0	0	0
1915	12	13	1.66	1.03	0.16	0	0.01	0.53	0.21	0	0.29	0
1915	12	14	0.14	0.14	1.44	0.36	2.3	0.02	0.74	0.57	0.47	0.68
1915	12	15	0	0	0	0	0.02	0	0	0	0	0
1915	12	16	0	0	0	0	0	0	0	0	0	0
1915	12	17	0.17	0.16	0	0	0	0.13	0.45	0.05	0.03	0.02
1915	12	18	1.05	0.83	1.15	1.12	0.67	1.3	0.09	0.95	0.35	0.4
1915	12	19	0	0	0	0.1	0.68	0	0	0	0	0
1915	12	20	0	0	0	0	0	0	0.01	0	0	0
1915	12	21	0	0	0	0	0	0	0	0	0	0
1915	12	22	0	0	0	0	0	0	0.02	0	0	0
1915	12	23	0	0.22	0.33	0	0	0.26	0.39	0.05	0	0
1915	12	24	0	0.01	0.06	0.57	0.05	0	0.06	0.24	0	0.05
1915	12	25	0.01	0	0	0	0	0	0.53	0	0.24	0.15
1915	12	26	0.6	0.43	0.89	1.05	1.25	0.58	0.76	1.17	0.78	1
1915	12	27	0	0	0	0.17	0.6	0	0.01	0	0	0
1915	12	28	0	0.24	0	0	0.02	0.03	0.01	0	0.02	0
1915	12	29	0.63	0.79	0.77	0	0.01	0.34	0	0.34	0.16	0.2

1915	12	30	0	0	0	0.28	0.62	0	0	0.16	0	0
1915	12	31	0	0	0	0	0	0	0	0	0	0.1
1916	1	1	0	0.32	0.13	0.09	0.01	0.07	0.2	0.09	0.1	0.1
1916	1	2	0.28	0.5	0.58	0.35	0.71	0.47	0.72	0.54	0.43	0.4
1916	1	3	0	0.02	0	0.04	0.05	0	0.07	0	0	0.12
1916	1	4	0	0	0.01	0	0	0	0.05	0	0	0
1916	1	5	0.02	0.08	0.05	0.18	0.1	0.06	0.42	0	0.03	0
1916	1	6	0	0	0	0.05	0.08	0	0	0.03	0	0.05
1916	1	7	0	0	0	0	0	0	0	0	0.01	0
1916	1	8	0	0	0	0	0	0	0	0	0	0
1916	1	9	0	0	0	0	0	0	0	0	0	0
1916	1	10	0.3	0.13	0.87	0.57	0.03	0.29	0.23	0.41	0.1	0.15
1916	1	11	0.04	0	0.04	0.01	0.02	0	0	0	0.01	0
1916	1	12	0.2	0	0	0	0	0	0.11	0	0	0
1916	1	13	0.22	0.13	0.21	0.19	0.2	0.17	0.49	0.36	0.01	0.1
1916	1	14	0	0	0	0	0.01	0	0	0	0	0
1916	1	15	0	0	0	0	0	0	0.07	0	0	0
1916	1	16	0.03	0	0	0.09	0	0	0.17	0	0.01	0.03
1916	1	17	0.03	0	0.03	0.03	0.01	0	0.02	0	0	0.01
1916	1	18	0	0	0	0	0	0	0.03	0	0	0
1916	1	19	0	0	0	0	0	0	0	0	0	0
1916	1	20	0	0.01	0.16	0.05	0	0.11	0.2	0.15	0.05	0.15
1916	1	21	0	0	0	0.02	0.1	0	0.05	0	0.01	0
1916	1	22	0.01	0	0	0	0	0	0.17	0	0.01	0.03
1916	1	23	0	0	0	0	0.05	0	0	0	0	0
1916	1	24	0	0	0	0	0.01	0	0	0	0	0
1916	1	25	0	0	0	0	0	0	0.02	0	0	0
1916	1	26	0.02	0	0	0	0	0	0.19	0	0	0
1916	1	27	0	0.01	0	0.01	0	0.01	0.31	0	0.04	0.05
1916	1	28	0	0	0.02	0.09	0	0	0.1	0	0	0
1916	1	29	0	0	0	0	0	0	0	0	0	0
1916	1	30	0.12	0.03	0.05	0	0.01	0.04	0.12	0	0.06	0
1916	1	31	0.01	0	0	0.05	0.11	0	0.41	0	0	0.05
1916	2	1	0.12	0	0.01	0.04	0.3	0	0	0.05	0	0
1916	2	2	0.76	0.47	0.32	0.13	0	0.21	0	0.23	0.02	0.02
1916	2	3	0.27	0.45	0.33	0.15	0.33	0.26	0.02	0.24	0.06	0.06
1916	2	4	0	0	0	0	0	0	0	0	0	0
1916	2	5	0	0	0.04	0	0	0	0.07	0	0.01	0
1916	2	6	0	0	0.01	0.09	0	0.11	0.13	0.03	0.04	0.05
1916	2	7	0	0.03	0.07	0.18	0.02	0	0.47	0.13	0.1	0
1916	2	8	0	0	0	0	0.01	0	0.01	0	0.01	0
1916	2	9	0.03	0.11	0.31	0.06	0.15	0.24	0.11	0.2	0.05	0.05
1916	2	10	0	0	0	0	0	0	0.01	0	0.03	0

1916	2	11	0.02	0.2	0	0	0	0.01	0	0.03	0	0
1916	2	12	0.35	0.36	0.14	0	0.13	0.31	0.04	0.24	0.12	0.05
1916	2	13	0.67	0.74	0.92	0.45	0.54	0.29	0.1	0.33	0.1	0.16
1916	2	14	0	0	0	0	0.11	0	0	0	0	0
1916	2	15	0	0	0	0	0	0	0.02	0	0	0
1916	2	16	0	0	0	0	0	0	0.17	0	0.02	0.06
1916	2	17	0.01	0.08	0	0	0.02	0.01	0	0	0	0.05
1916	2	18	0.08	0.05	0.19	0	0	0.1	0.77	0.2	0.14	0.05
1916	2	19	0	0	0.12	0.34	0.1	0	0.08	0	0.01	0
1916	2	20	0.06	0	0	0	0	0	0	0	0.01	0.03
1916	2	21	0	0	0	0	0.02	0	0	0	0	0
1916	2	22	0	0	0	0	0	0	0.08	0	0	0
1916	2	23	0	0.04	0.08	0.37	0	0.09	0.01	0.14	0.09	0.3
1916	2	24	0.27	0.02	0	0	0.08	0.02	0	0	0	0
1916	2	25	2.11	1.9	0.91	0.73	0.46	1.41	0.86	0.85	0.61	0.6
1916	2	26	0.01	0.73	0.74	1.2	1.24	1.13	0.62	1.37	0.84	0.8
1916	2	27	0	0	0.11	0.11	0.01	0	0.17	0.03	0.06	0.2
1916	2	28	0	0	0	0	0.01	0	0.02	0	0	0
1916	2	29	0	0	0	0	0	0	0	0	0	0
1916	3	1	0	0	0	0	0	0	0	0	0	0
1916	3	2	0.28	0.32	0.06	0.05	0.26	0.28	0.06	0.09	0.04	0.08
1916	3	3	0	0.06	0.07	0	0.09	0	0	0	0	0
1916	3	4	0	0.06	0	0	0	0	0.03	0	0	0
1916	3	5	0	0.01	0	0	0.01	0	0	0	0.02	0
1916	3	6	0.94	0.32	0.08	0	0	0.12	0	0	0.01	0
1916	3	7	0.02	0.36	0.91	0.23	0.61	0.27	0.73	0.58	0.22	0.25
1916	3	8	0.54	0.57	1.23	0	0.02	0.79	0.17	0.18	0.29	0
1916	3	9	0	0	0.05	0.61	0.86	0	0.56	0.55	0.45	1.1
1916	3	10	0.14	0.14	0.24	0.29	0.02	0.1	0.31	0.1	0.04	0.1
1916	3	11	0	0	0	0	0	0	0	0	0	0
1916	3	12	0	0	0	0	0	0	0.01	0	0	0
1916	3	13	0.02	0.23	0.64	0.7	0.12	0.34	0.47	0.39	0.06	0.08
1916	3	14	0.07	0.06	0.1	0.02	0	0	0	0	0	0
1916	3	15	0.58	0.59	0.88	0.5	0.29	0.63	0	0.66	0.12	0.24
1916	3	16	0.02	0.01	0.47	0.4	1.02	0.07	0	0.18	0	0
1916	3	17	0	0	0	0	0	0	0	0	0	0
1916	3	18	0.02	0	0	0	0	0	0	0	0	0
1916	3	19	0.01	0	0	0	0	0	0	0.03	0.04	0
1916	3	20	0	0	0	0	0	0	0.01	0	0	0
1916	3	21	0.09	0	0	0	0.07	0	0.01	0	0.02	0
1916	3	22	0.69	0.41	0.49	0.1	0	0.38	0	0.25	0	0.3
1916	3	23	0	0.05	0	0.35	0.62	0.03	0	0.08	0	0
1916	3	24	0	0	0	0	0	0	0	0	0	0

1916	3	25	0	0	0	0	0	0	0	0	0	0
1916	3	26	0	0	0	0	0	0	0	0	0	0
1916	3	27	0	0	0	0	0	0	0	0	0	0
1916	3	28	0.13	0	0	0	0	0	0	0	0	0
1916	3	29	0.15	0	0	0	0	0	0	0	0	0
1916	3	30	0	0.01	0	0	0	0	0	0	0	0
1916	3	31	0	0	0	0	0	0	0	0	0	0
1916	4	1	0	0	0	0	0	0	0.09	0	0	0
1916	4	2	0.05	0	0.04	0	0.13	0	0	0	0	0
1916	4	3	0	0	0	0	0	0	0	0	0	0
1916	4	4	0.09	0.05	0.1	0	0.08	0.12	0.16	0.15	0.18	0.15
1916	4	5	0	0	0.01	0.06	0.12	0	0.02	0.12	0.02	0.08
1916	4	6	0.04	0	0	0	0	0.08	0.17	0	0.29	0
1916	4	7	0	0.02	0.19	0.23	0.07	0.07	0.23	0.17	0.24	0
1916	4	8	0.53	0.26	0	0	0	0.04	0	0	0	0
1916	4	9	0.19	0.28	1.28	0.34	0.53	0.28	0.01	0.49	0.07	0.05
1916	4	10	0	0	0	0.05	0.14	0	0	0.03	0	0
1916	4	11	0	0	0	0	0	0	0	0	0	0
1916	4	12	0	0.07	0.18	0.1	0.26	0.11	0	0.19	0.04	0.15
1916	4	13	0.26	0	0	0.02	0	0	0	0	0	0
1916	4	14	1.42	0.65	0.32	0.1	0.16	0.34	0.09	0.59	0.33	0.3
1916	4	15	0	0	0	0.17	0.71	0	0	0.08	0	0
1916	4	16	0	0	0	0	0	0	0	0	0	0
1916	4	17	0.05	0.07	0.12	0.02	0.01	0.05	0.26	0.05	0.11	0
1916	4	18	0	0.06	0.64	1.01	0.22	0.01	0	0.05	0	0
1916	4	19	0	0	0	0.12	0	0	0	0	0	0
1916	4	20	0	0	0	0	0	0	0	0	0	0
1916	4	21	0	0.06	0	0	0.11	0.03	0	0.04	0	0.01
1916	4	22	0.39	0.91	0.04	0	0	0.58	0.09	0.26	0.24	0.44
1916	4	23	0.04	0.52	1.51	0.7	0.58	0.58	0.45	0.77	0.22	0.34
1916	4	24	0.01	0.12	0.22	0.3	0.24	0.06	0	0.13	0.1	0.05
1916	4	25	0.01	0	0	0	0.03	0	0	0	0	0
1916	4	26	0.07	0.2	0.35	0.41	0.01	0.12	0	0.04	0	0
1916	4	27	0.07	0	0	0.01	0	0	0.01	0	0	0.25
1916	4	28	0.06	1.23	0.56	0.36	0.12	0.49	0	0.32	0.01	0
1916	4	29	0	0	0	0	0	0	0	0.05	0	0
1916	4	30	0	0	0	0	0	0	0	0	0	0
1916	5	1	0	0	0	0	0	0.01	0.24	0	0	0
1916	5	2	0	0	0.01	0	0	0	0.27	0	0	0
1916	5	3	0	0	0.02	0	0	0	0.18	0	0.34	0.1
1916	5	4	0.05	0.17	0.06	0.28	0.08	0.01	0	0.04	0	0.04
1916	5	5	0.26	0	0	0	0	0	0	0	0	0
1916	5	6	0	0.14	0.07	0.02	0.02	0.04	0	0.02	0	0

1916	5	7	0.13	0	0	0	0.14	0.04	0.08	0.11	0.04	0.05
1916	5	8	0.39	0	0.04	0.04	0.01	0.01	0.05	0.02	0.04	0.1
1916	5	9	0	0	0	0.02	0.62	0	0	0	0	0
1916	5	10	0	0	0	0	0	0	0.09	0	0	0
1916	5	11	0	0	0.04	0.25	0	0	0.39	0.02	0.03	0
1916	5	12	0	0	0	0	0	0	0	0	0	0
1916	5	13	0	0	0	0	0	0	0	0	0	0
1916	5	14	0.03	0	0	0	0	0	0.03	0	0	0
1916	5	15	0.01	0.14	0	0	0	0	0.01	0.02	0.05	0.05
1916	5	16	2.66	0.16	0.11	0.09	0	0.76	0.04	0.36	0.34	0.4
1916	5	17	0.3	1.88	4.78	2.84	0.94	2.37	1.9	2.85	1.62	1.5
1916	5	18	0	0	0.04	0.28	0.26	0.06	0.25	0.07	0.12	0.1
1916	5	19	0	0	0	0.14	0.08	0	0.02	0	0.03	0
1916	5	20	0	0.08	0	0.05	0.02	0	0	0	0	0
1916	5	21	0	0	0	0	0	0	0	0	0	0
1916	5	22	0.02	0	0	0	0	0	0.03	0	0.07	0.22
1916	5	23	0.19	0.04	0.01	0.05	0.37	0.45	0.12	0.51	0.24	0
1916	5	24	0	0	0	0	0.01	0	0.09	0.01	0.04	0
1916	5	25	0	0	0	0.02	0	0	0	0	0	0
1916	5	26	0	0	0	0.01	0	0	0	0	0	0
1916	5	27	0.09	0.04	0	0	0	0	0	0	0	0
1916	5	28	0.19	0	0.03	0.04	0.11	0.01	0.37	0.01	0	0
1916	5	29	0.03	0.04	0	0	0	0	0	0	0	0
1916	5	30	0	0.11	0.43	0.41	0.01	0.19	0.82	0.52	1.6	0.25
1916	5	31	0	0.03	0	0.11	0.04	0	0	0	0.13	0
1916	6	1	0	0	0	0	0	0	0	0	0	0
1916	6	2	0	0	0	0	0	0	0	0	0	0
1916	6	3	0.11	0.66	0.02	0	0.11	0.94	0.27	0.27	0.13	0.25
1916	6	4	0	0	0.23	0.36	0.07	0.03	0.52	0.71	0.4	0.65
1916	6	5	0	0.11	0.17	0.14	0	0.26	0.1	0.09	0.78	0
1916	6	6	0	0	0	0.08	0.19	0.12	0	0.67	0	0.05
1916	6	7	1.51	0	0	0	0	0	0	0	0	0
1916	6	8	0.19	0.04	0.12	0.18	0.01	0.09	0.15	0.09	0.01	0.15
1916	6	9	0.02	0.86	2.16	0.34	0.11	0.95	0.31	1.28	0.17	0.18
1916	6	10	0	0.39	0.33	0.81	0.04	0.99	0.11	1.5	0.22	0.15
1916	6	11	0.22	0.03	0.35	0.08	0.01	0.03	0	0.09	0.24	0
1916	6	12	0	0.35	0.1	0.07	0.1	0.11	0.05	0.58	0.31	0.78
1916	6	13	0	0	0.05	0.13	0.01	0.17	0	0.16	0	0
1916	6	14	0	0	0	0	0.02	0	0	0	0.01	0
1916	6	15	0	0	0	0	0	0.01	0	0.05	0	0.15
1916	6	16	0.32	0	0.14	0	0.07	0.03	1.23	0.15	0.26	0.3
1916	6	17	1.27	1.51	1.64	1.39	0.46	0.91	0.78	1.53	0.19	0.3
1916	6	18	0	0	0.19	0.13	0.03	0.25	0.01	0.32	0.23	0.05

1916	6	19	0.43	0.45	0.12	0.04	0.33	0.52	0.23	0.62	0.19	0.05
1916	6	20	0	0.03	0	0.12	0.31	0	0.34	0.06	0	0.25
1916	6	21	0.17	0.2	0.01	0	0	0.02	0	0.03	0.02	0
1916	6	22	0	0	0	0	0.06	0	0	0.01	0	0
1916	6	23	0	0	0	0	0	0	0	0	0	0
1916	6	24	0	0	0	0	0	0.02	0	0	0.02	0.01
1916	6	25	0.32	0.41	0.68	0.04	0.02	0.78	0.09	0.69	0.17	0.24
1916	6	26	0	0	0	0.47	0.14	0	0	0.12	0	0
1916	6	27	0	0	0	0	0	0	0.01	0	0.96	0.05
1916	6	28	0	0	0.01	0.01	0.15	0	0	0	0	0
1916	6	29	0	0	0	0.04	0	0.03	0	0	0.01	0
1916	6	30	0	0	0	0	0	0	0	0.02	0	0
1916	7	1	0	0	0	0	0	0	0	0.01	0	0
1916	7	2	0.09	0	0.41	0	0	1.13	0.33	0	0.07	0
1916	7	3	0.08	2.03	0.28	0.55	0.68	0.34	0.59	0.81	0.07	0.35
1916	7	4	0	0.13	0.44	0.28	0.23	0.33	0.08	0.37	0.12	0.1
1916	7	5	0.03	0.1	0.03	0.01	0.01	0.04	0	0.06	0	0
1916	7	6	0	0	0	0	0	0	0	0	0	0
1916	7	7	0	0	0	0	0	0	0.02	0	0.12	0.1
1916	7	8	0	0.17	0.68	0.42	0	0.04	0	0.08	0.04	0
1916	7	9	0	0.42	0	0	0	0.1	0	0	0	0
1916	7	10	0.16	0.18	0.07	0	0.4	0	0	0.01	0	0
1916	7	11	0	0.11	0.46	0.02	0	0	0	0.02	0.12	0
1916	7	12	0	0	0	0.03	0	0	0	0	0	0.05
1916	7	13	0.97	0.13	0.03	0	0.17	0.04	0	0.05	0.17	0.61
1916	7	14	0.02	0	0	0	0.41	0	0	0	0	0
1916	7	15	0	0	0	0	0	0	0	0	0.03	0
1916	7	16	0	0	0	0	0	0	0.81	0	0.2	0
1916	7	17	0.01	0.09	0	0.05	0.14	0	0	0	0.02	0.16
1916	7	18	0	0.14	0	0	0.15	0	0	0	0	0
1916	7	19	0	0	0	0	0	0	0	0	0	0
1916	7	20	0.3	0.3	0	0	0	0	0	0	0	0
1916	7	21	0.24	0.5	0.95	0.33	0.15	0.85	0.3	0.49	0	0.1
1916	7	22	0.24	0	0	0.06	0	0.55	0	0.17	0.58	0.65
1916	7	23	0.04	0.62	0.04	1.45	0.01	0.12	0	0.07	0.01	0.05
1916	7	24	0	0.09	0.19	0.05	0	0	0	0	0	0
1916	7	25	0.49	0.02	0	0	0	0	0	0	0	0
1916	7	26	1.1	0.64	0.04	0	0.62	0.82	0.11	1.77	0	0
1916	7	27	0.78	0	0	0	0	0.19	0	0.4	0	0
1916	7	28	0	0	0	0	0.01	0	0	0	0	0
1916	7	29	0	0	0	0	0	0	0	0	0	0
1916	7	30	0	0	0.19	0.03	0	0	0	0.02	0	0
1916	7	31	0	0	0.01	0.02	0	0	0.26	0	0.12	0

1916	8	1	0	0	0	0	0	0	0	0	0	0
1916	8	2	0	0	0	0	0	0	0	0	0	0
1916	8	3	0	0	0	0	0	0	0.03	0	0	0.1
1916	8	4	0	0	0	0	0	0	0	0	0	0
1916	8	5	0	0	0	0	0	0	0.12	0	0	0
1916	8	6	0.02	0	0.01	0.58	0	0	0	0	0	0
1916	8	7	0.01	0	0	0	0	0	0	0	0	0
1916	8	8	0.38	0.31	0.33	0.15	0	0.22	0.01	0.35	0.26	0.75
1916	8	9	0.01	0.04	0.48	1	0.05	0.38	0.68	1.24	0.24	0.1
1916	8	10	0.01	0.19	0.01	0	0.13	0	0.01	0.38	0	0
1916	8	11	0.04	0.03	0	0	0	0	0.02	0	0.05	0
1916	8	12	0.01	0.2	0.04	0.03	0.33	0.06	0.1	0.06	0	0.06
1916	8	13	0	0.23	0.01	0	0.1	0.1	0	0.08	0.04	0.02
1916	8	14	0	0	0	0	0	0	0	0	0	0
1916	8	15	0	0	0	0	0	0	0	0	0	0
1916	8	16	0	0	0	0	0	0	0	0	0	0
1916	8	17	0	0	0	0	0	0	0	0	0	0
1916	8	18	0	0	0	0	0	0	0	0	0	0
1916	8	19	0	0	0	0	0	0	0	0	0	0
1916	8	20	0	0	0	0	0	0	0	0	0	0
1916	8	21	0	0	0	0	0	0	0	0	0	0
1916	8	22	0	0	0	0	0	0	0.04	0	0	0
1916	8	23	0.01	0.01	0.79	0.29	0	2.15	0.12	0.08	0.2	0
1916	8	24	0	0.08	0.02	0.6	0.27	0.02	0	0.79	0	0
1916	8	25	0	0	0	0	0	0	0.01	0	0	0
1916	8	26	0	0	0	0.04	0	0	0	0	0.03	0.05
1916	8	27	0	0	0.16	0	0.25	0.28	0.21	0.17	0.11	0.2
1916	8	28	0.05	1.1	0.29	0.26	0.93	0.24	0	0.36	0.13	0.1
1916	8	29	0	0	0	0.03	0.26	0	0	0	0	0
1916	8	30	0	0	0	0	0	0	0.11	0	0	0
1916	8	31	0	0	0	0.03	0	0	0	0	0	0
1916	9	1	0.01	0	0	0	0	0.01	0.08	0	0.03	0.05
1916	9	2	0.04	0	0.02	0	0.08	0.16	0.11	0.05	0.39	0.1
1916	9	3	0	0	0	0	0	0	0	0	0	0
1916	9	4	0	0	0	0.03	0	0	0.56	0	0.05	0
1916	9	5	0	0.02	0	0.01	0	0	0	0.02	0.02	0.05
1916	9	6	0	0.6	0.19	0.04	0.1	0.52	0	0.69	0	0
1916	9	7	0.14	0	0	0	0.01	0.01	0.09	0.02	0	0
1916	9	8	0.53	0	0	0	0	0	0.11	0	0.04	0.05
1916	9	9	0.19	0.1	0.01	0.1	0.13	0	0	0	0	0
1916	9	10	0	0	0	0	0	0	0	0	0	0
1916	9	11	0	0	0	0	0	0	0	0	0	0
1916	9	12	0	0	0	0	0	0	0	0	0	0

1916	9	13	0	0	0	0	0	0	0	0	0	0
1916	9	14	0	0	0	0	0	0	0	0	0	0
1916	9	15	0.69	0.52	0.63	0.52	1.82	2.39	0.64	2.33	1.33	1.35
1916	9	16	0	0.01	0.02	0.73	0.94	0	0	0.52	0	0.05
1916	9	17	0	0	0	0	0	0	0.02	0	0	0
1916	9	18	0.85	0	0.09	0	0	0.17	0.25	0.56	0.13	0.15
1916	9	19	0.06	0.25	0.12	0.59	0.03	0	0.02	0	0	0
1916	9	20	0	0	0	0	0	0	0	0	0	0
1916	9	21	0	0	0	0	0	0	0	0	0	0
1916	9	22	0	0	0	0	0	0	0.17	0	0.42	0.05
1916	9	23	0.06	0	0.03	0.03	0	0.69	0.76	0.53	0.35	0.42
1916	9	24	0	0	0.01	0.02	0.18	0	0	0.06	0	0.15
1916	9	25	0	0	0	0	0	0	0	0	0	0
1916	9	26	0	0	0	0	0.02	0	0	0	0	0
1916	9	27	0	0	0	0	0	0	0	0	0	0
1916	9	28	0	0	0	0	0	0	0.01	0	0.08	0
1916	9	29	0.88	0.26	0.08	0	0	0.42	0.85	0.43	1.12	0.94
1916	9	30	0	0.14	0.27	1.07	0.65	0	0.38	0.88	0.1	0
1916	10	1	0	0	0	0	0	0	0	0	0	0
1916	10	2	0	0	0	0	0	0	0	0	0	0
1916	10	3	0	0	0	0	0	0	0	0	0	0
1916	10	4	0	0	0	0	0	0	0	0	0	0
1916	10	5	0	0	0	0	0	0	0	0	0	0
1916	10	6	0	0	0	0	0	0	0.04	0	0	0
1916	10	7	0	0	0	0	0	0	0	0	0	0
1916	10	8	0	0	0	0	0	0	0.08	0	0.02	0
1916	10	9	0	0.01	0.06	0.09	0	0	0.19	0.02	0.29	0.15
1916	10	10	0	0	0	0.01	0.08	0	0	0	0	0
1916	10	11	0	0	0	0	0	0	0	0	0	0
1916	10	12	0	0	0	0	0	0	0	0	0	0
1916	10	13	0.18	0.09	0.18	0.02	0	0.1	1.5	0.05	0.11	0.18
1916	10	14	0	0.13	0.06	0.4	0.04	0.01	0	0.15	0	0
1916	10	15	0	0	0	0	0	0	0.01	0	0	0
1916	10	16	0.08	0	0	0	0	0	0.39	0	0.11	0
1916	10	17	0	0	0.06	0.07	0.03	0.01	0.51	0.01	0.05	0
1916	10	18	0	0	0	0	0	0	0	0	0	0
1916	10	19	0.78	0.56	0.87	0.07	0	1.18	0.81	0.45	0.35	0.65
1916	10	20	0	0.05	0.02	1.71	1.02	0.02	0.25	0.88	0.3	0
1916	10	21	0	0.03	0.01	0.17	0.37	0.01	0.01	0.03	0.08	0.75
1916	10	22	0	0	0	0	0	0	0	0	0	0
1916	10	23	0	0	0	0	0	0	0	0	0	0
1916	10	24	0	0	0	0	0	0	0	0	0	0
1916	10	25	0	0	0.01	0	0	0.01	0	0	0.02	0

1916	10	26	0	0.07	0.01	0.05	0	0	0	0.01	0.1	0
1916	10	27	0	0	0	0	0	0	0.04	0	0	0
1916	10	28	0	0	0	0	0	0	0	0	0	0
1916	10	29	0	0	0	0	0	0	0	0	0	0
1916	10	30	0	0	0	0	0	0	0.01	0	0	0
1916	10	31	0	0	0.01	0	0	0	0	0	0	0
1916	11	1	0.12	0	0.05	0.09	0.33	0.12	0.6	0.21	0.19	0.1
1916	11	2	0	0	0	0	0	0	0	0	0.02	0
1916	11	3	0	0	0	0	0.03	0	0.13	0	0.05	0.08
1916	11	4	0	0	0	0	0	0	0	0	0	0
1916	11	5	0.32	0.05	0	0	0.7	0.07	0	0.05	0	0
1916	11	6	0	0	0	0	0.21	0	0	0	0	0
1916	11	7	0	0	0	0	0	0	0	0	0	0
1916	11	8	0	0	0	0	0	0	0	0	0	0
1916	11	9	0	0	0.01	0	0	0.01	0.25	0	0.01	0
1916	11	10	0	0	0	0	0.1	0	0.05	0.04	0.01	0
1916	11	11	0	0	0	0	0	0	0.01	0	0	0
1916	11	12	0.01	0	0	0	0	0	0.04	0	0.03	0.05
1916	11	13	0	0.03	0.27	0.26	0	0.16	0.13	0.12	0.3	0.4
1916	11	14	0	0.17	0.63	0.54	0.27	0.21	0.01	0.72	0.28	0.48
1916	11	15	0	0	0	0	0	0	0	0	0	0
1916	11	16	0	0.03	0	0	0	0.03	0.11	0	0.01	0
1916	11	17	0	0.07	0.14	0	0	0.09	0.05	0.08	0.02	0.01
1916	11	18	0	0	0	0.21	0	0.05	0	0.07	0	0.02
1916	11	19	0	0	0	0	0	0	0	0	0	0
1916	11	20	0	0	0	0	0	0	0	0	0	0
1916	11	21	0	0	0	0	0	0	0	0	0	0
1916	11	22	0	0	0	0	0	0	0	0	0	0
1916	11	23	1.09	0.39	0.7	0.2	0	0.8	0.64	0.45	0.31	0.02
1916	11	24	0	0.01	0.02	0.84	0.43	0.05	0.17	0.87	0.29	0.2
1916	11	25	0	0	0	0	0	0.05	0	0	0	0
1916	11	26	0	0	0	0	0.01	0	0	0	0	0
1916	11	27	0	0	0	0	0	0	0	0	0	0
1916	11	28	0	0	0	0	0	0	0.07	0	0	0
1916	11	29	0.09	0	0	0.05	0.02	0.07	0.3	0	0.12	0
1916	11	30	0.51	0.92	1.16	1.25	0.78	0.92	0.19	0.95	0.44	0.74
1916	12	1	0	0.02	0.14	1.28	0	0	0.05	0	0.02	0
1916	12	2	0	0	0	0	0	0	0.01	0	0.07	0.07
1916	12	3	0	0	0	0	0	0	0	0	0	0
1916	12	4	0.01	0	0.06	0.1	0	0.09	0	0.07	0.06	0.05
1916	12	5	0.01	0.06	0.1	0.14	0.11	0.16	0.39	0.16	0.27	0.25
1916	12	6	0	0	0.01	0.04	0	0	0.03	0.04	0	0.15
1916	12	7	0	0	0	0	0.04	0	0	0	0	0

1916	12	8	0	0	0	0	0	0	0	0	0	0
1916	12	9	0.58	0.25	0.14	0	0	0.02	0.7	0.18	0.29	0.15
1916	12	10	0	0	0.03	0.16	0.47	0	0	0.1	0	0
1916	12	11	0.19	0.17	0.46	0	0	0.18	0.05	0	0.01	0
1916	12	12	0.53	0.58	1.08	0.6	0.04	0.35	0.38	1.04	0.37	0.2
1916	12	13	0.02	0	0	0.38	0.22	0	0.05	0	0.04	0
1916	12	14	0	0	0	0	0	0	0.1	0	0	0.05
1916	12	15	0.59	0.62	0.7	0	0.01	0.39	0	0.22	0.01	0.1
1916	12	16	0	0.07	1.78	1.4	0.35	0.05	0.02	0.14	0.08	0.07
1916	12	17	0	0	0	0	0	0	0	0	0	0
1916	12	18	0	0	0	0	0	0	0	0	0	0
1916	12	19	0	0	0	0	0	0	0	0	0	0
1916	12	20	0.04	0	0	0	0	0	0	0	0	0
1916	12	21	0.37	0.23	0.06	0	0.08	0.07	0.02	0.05	0.02	0
1916	12	22	1.11	0.83	1.4	1.37	0.01	0.86	1.15	0.8	1.43	0.7
1916	12	23	0	0	0	0.03	1.1	0	0	0.12	0	0
1916	12	24	0	0	0	0	0	0	0	0	0	0
1916	12	25	0	0.01	0.09	0	0	0.02	0.07	0.02	0.08	0.05
1916	12	26	0	0	0	0.09	0	0	0	0	0	0
1916	12	27	0.39	0.08	0.04	0.08	0	0.02	0.16	0.1	0.04	0
1916	12	28	0.41	0.08	0	0.04	0.27	0	0	0	0	0
1916	12	29	0	0	0	0	0	0	0	0	0	0
1916	12	30	0	0	0	0	0	0	0	0	0	0
1916	12	31	0	0	0	0	0	0	0	0	0	0
1917	1	1	0	0	0.01	0	0	0	0.05	0	0	0
1917	1	2	0	0	0	0	0	0	0	0	0	0
1917	1	3	0.27	0.5	0.5	0.3	0	0.56	0.34	0.47	0.28	0.2
1917	1	4	0	0	0	0.31	0.28	0	0	0.09	0	0
1917	1	5	0.57	0.76	1.15	0.16	0	1.31	0.81	0.81	0.22	0.3
1917	1	6	0	0.12	0.04	1	0.32	0	0	0.41	0	0
1917	1	7	0	0	0	0	0	0	0.25	0	0	0
1917	1	8	0	0	0	0	0	0	0.26	0	0	0
1917	1	9	0.06	0.07	0	0	0	0	0.23	0	0	0
1917	1	10	0	0	0	0	0.01	0.02	0.41	0.07	0.18	0.08
1917	1	11	0	0.2	0.08	0.19	0	0	0	0	0	0
1917	1	12	0	0	0	0	0	0	0	0	0	0
1917	1	13	0.13	0.08	0.17	0.32	0	0.17	0.33	0	0.08	0.05
1917	1	14	0.4	0.52	0.59	0.78	0.35	0.55	0.66	0.93	0.61	0.66
1917	1	15	0.08	0	0	0	0.09	0	0	0	0	0
1917	1	16	0	0	0	0	0	0	0	0	0	0
1917	1	17	0	0	0	0	0	0	0.17	0	0	0
1917	1	18	0.06	0	0.01	0	0	0	0.06	0	0.01	0.03
1917	1	19	0	0	0	0	0	0	0	0	0	0

1917	1	20	0	0	0.02	0	0	0.03	0.01	0.03	0	0.02
1917	1	21	0.57	0.1	0.07	0	0	0.16	0.15	0	0.18	0
1917	1	22	0.35	0.28	0.89	0.42	0.42	0.13	0.7	0.52	0.19	0.2
1917	1	23	0	0	0	0.14	0	0	0	0	0	0
1917	1	24	0	0	0	0	0	0	0.06	0	0.04	0
1917	1	25	0.02	0	0.16	0	0	0.1	0.2	0	0.01	0.06
1917	1	26	0	0	0	0	0.05	0	0.03	0.06	0	0
1917	1	27	0.07	0	0	0	0	0	0	0	0.01	0
1917	1	28	0.09	0.07	0.16	0.2	0.05	0.12	0.14	0.15	0.07	0.06
1917	1	29	0.26	0.07	0.45	0	0	0.16	0.21	0	0.19	0.06
1917	1	30	0.01	0	0.23	0.42	0.1	0.04	0.07	0.19	0.03	0.15
1917	1	31	0.02	0.05	0	0	0	0	0	0	0.08	0
1917	2	1	0.09	0.67	0.1	0.06	0.28	0.09	0.24	0.17	0.15	0.03
1917	2	2	0	0	0	0	0.01	0	0	0	0	0
1917	2	3	0	0	0	0	0	0	0.01	0	0	0
1917	2	4	0.04	0.04	0.01	0	0	0.03	0.04	0	0	0
1917	2	5	0.2	0.5	1.43	1.16	0.2	0.2	0	0.18	0	0.08
1917	2	6	0	0	0	0.06	0.4	0	0	0	0	0
1917	2	7	0	0	0	0	0	0	0.27	0	0	0
1917	2	8	0	0	0	0	0.01	0	0.09	0	0	0
1917	2	9	0.41	0.28	0.47	0.39	0.01	0.28	0.39	0.26	0.27	0
1917	2	10	0	0	0.04	0.16	0.6	0	0.03	0.05	0	0.12
1917	2	11	0	0	0	0	0	0	0	0	0	0
1917	2	12	0	0	0	0	0	0	0	0	0	0
1917	2	13	0	0.02	0.02	0	0	0	0.11	0	0	0
1917	2	14	0	0	0	0	0	0	0	0	0.02	0
1917	2	15	0.08	0	0	0	0	0	0	0	0	0
1917	2	16	0	0	0.04	0.05	0	0	0.01	0	0	0
1917	2	17	0	0	0	0	0	0	0	0	0	0
1917	2	18	0	0	0	0	0	0	0	0	0	0
1917	2	19	0.05	0.05	0	0	0	0.1	0.02	0	0.16	0
1917	2	20	0.09	0.17	0.37	0.32	0.05	0.18	0.41	0.45	0.16	0.3
1917	2	21	0	0	0	0	0	0	0	0	0.04	0
1917	2	22	0.29	0	0	0	0.18	0	0	0	0	0
1917	2	23	0.25	0.07	0.05	0	0.09	0.1	0.13	0	0.03	0
1917	2	24	0.35	0.16	0.26	0.15	0.06	0.09	0.03	0.14	0	0.05
1917	2	25	0	0	0	0	0	0	0	0	0	0
1917	2	26	0.03	0.69	0.55	0.2	0	0.43	0.59	0.21	0.77	0.5
1917	2	27	0.01	0.02	0.01	0.02	0.52	0	0	0.27	0	0
1917	2	28	0.19	0	0	0	0	0	0	0	0	0
1917	3	1	0	0	0	0	0	0	0	0	0	0
1917	3	2	0.19	0	0	0	0	0	0	0	0	0
1917	3	3	0.1	0.09	0	0	0	0	0	0	0	0.08

1917	3	4	0.95	0.4	0.01	0	0.4	0.03	0	0.02	0	0
1917	3	5	0.41	1.27	1.47	0.55	0.56	0.4	0.92	0.59	0.87	0.54
1917	3	6	0	0	0	0.28	0.48	0	0.06	0.1	0	0.1
1917	3	7	0	0	0	0	0	0	0	0	0	0
1917	3	8	0.57	0.31	0.46	0.45	0.02	0.14	0.12	0.28	0.16	0.12
1917	3	9	0	0	0	0.05	0.01	0	0.04	0	0	0
1917	3	10	0	0	0	0	0	0	0	0	0	0
1917	3	11	0.05	0.36	0.29	0.08	0.46	0.32	0.13	0.28	0.6	0.3
1917	3	12	0	0.08	0.15	0.07	0.17	0	0	0.22	0	0.32
1917	3	13	0	0	0	0	0	0	0	0	0	0
1917	3	14	0.44	0.02	0.01	0	0	0.03	0.09	0	0.07	0
1917	3	15	0	0.03	0.19	0.29	0.25	0.02	0.08	0.15	0.03	0
1917	3	16	0	0	0	0.03	0	0	0	0	0	0
1917	3	17	0.7	0.19	0.7	0.33	0	0.21	0.31	0.26	0.47	0.4
1917	3	18	0	0	0	0.57	0.08	0.03	0	0.15	0	0.05
1917	3	19	0	0	0	0	0	0	0	0	0	0
1917	3	20	0	0	0.01	0	0	0	0.29	0	0.02	0
1917	3	21	0.1	0	0	0	0	0	0	0	0.02	0
1917	3	22	0	0	0	0	0	0	0	0	0	0
1917	3	23	0.05	0.08	0	0	0	0.02	0.01	0	0	0
1917	3	24	0.29	0	0.26	0.5	0.13	0.03	0.19	0.33	0.01	0
1917	3	25	0	0	0	0	0	0	0	0	0	0
1917	3	26	0	0	0	0	0	0	0	0	0	0
1917	3	27	0.61	0.81	0.83	0	0	0.7	0.47	0.1	0.5	0
1917	3	28	0	0.02	0.07	1.42	0.54	0.08	0.04	0.68	0.01	0.6
1917	3	29	0	0.07	0.04	0.17	0	0.02	0.16	0	0	0
1917	3	30	0	0	0	0	0.04	0	0	0	0	0
1917	3	31	0	0	0.04	0	0	0	0.03	0	0.23	0
1917	4	1	0	0.06	0.13	0.01	0.02	0.03	0.35	0.15	0.5	0
1917	4	2	0	0	0.14	0.4	0	0.02	0.46	0.03	0.06	0.2
1917	4	3	0	0.03	0.03	0.12	0	0	0	0.02	0	0.05
1917	4	4	0	0	0	0	0	0	0	0	0	0
1917	4	5	0.68	0	0	0	0	0	0	0	0	0
1917	4	6	0.53	1.19	1.66	1.16	0.16	0.65	0.38	1.3	0.38	0.15
1917	4	7	0.03	0.13	0.08	0.25	0.32	0.19	0.22	0.08	0.16	0.27
1917	4	8	0.01	0	0	0.02	0	0	0	0	0	0
1917	4	9	0.51	0.44	0.25	0.12	0	0	0.04	0	0.01	0
1917	4	10	0	0	0	0	0	0	0	0	0.03	0.05
1917	4	11	0	0	0	0	0	0	0	0	0	0
1917	4	12	0.1	0	0	0	0	0.03	0.03	0.05	0.14	0
1917	4	13	0	0.03	0.17	0	0	0	0.13	0.1	0.04	0
1917	4	14	0	0	0.01	0.42	0	0	0	0.01	0	0
1917	4	15	0	0	0	0	0	0	0	0	0	0

1917	4	16	0	0	0	0	0	0	0	0	0.01	0
1917	4	17	0	0	0	0	0	0	0	0	0	0
1917	4	18	0	0.15	0.04	0	0	0.04	0.07	0	0.04	0.03
1917	4	19	0	0	0	0	0.01	0	0	0	0	0
1917	4	20	0.04	0.17	0.14	0.16	0.35	0.35	0.38	0.39	0.58	0.65
1917	4	21	0.29	0.18	0.24	0.36	0.24	0.06	0.01	0.08	0.08	0.1
1917	4	22	0	0	0.02	0.02	0.09	0	0	0.02	0	0
1917	4	23	0.01	0	0	0	0	0	0	0	0	0
1917	4	24	0.14	0	0	0	0	0	0	0	0	0
1917	4	25	0	0	0	0	0	0	0	0	0	0
1917	4	26	0.33	0.05	0	0	0	0.01	0.08	0	0.13	0
1917	4	27	0.01	0.29	0.02	0	0.09	0.24	0.17	0.37	0.18	0.4
1917	4	28	0	0	0	0	0	0	0.03	0	0.07	0
1917	4	29	0	0	0	0	0	0	0	0	0	0
1917	4	30	0.03	0	0	0	0.1	0	0.01	0.05	0.01	0.05
1917	5	1	0.36	0.68	0.33	0	0.1	0.32	0.46	0.1	0.06	0.1
1917	5	2	0	0.13	0.44	0.63	0.17	0.3	0.46	0.7	0.11	0.1
1917	5	3	0	0	0	0	0.02	0	0.02	0	0.13	0.12
1917	5	4	0.46	0	0	0	0	0	0	0	0	0
1917	5	5	1.08	1.21	0.2	0	0.56	0.33	0	0.08	0	0.12
1917	5	6	0.01	0.35	0.3	0.22	0.4	0.22	0	0.28	0.03	0
1917	5	7	0	0	0	0	0.02	0	0	0	0	0
1917	5	8	0	0	0	0	0.03	0	0	0.06	0	0
1917	5	9	0.01	0.03	0.02	0.06	0.01	0.01	0.08	0.21	0	0
1917	5	10	0	0.02	0	0.01	0.1	0	0.04	0	0	0
1917	5	11	0	0	0	0.05	0	0.02	0.29	0.07	0.32	0.2
1917	5	12	0.01	0.1	0.06	0	0	0.16	0	0.04	0.04	0.18
1917	5	13	0	0.19	0.06	0.14	0.04	0.01	0	0.13	0	0
1917	5	14	0	0	0	0	0	0	0	0	0	0
1917	5	15	0	0	0	0	0	0	0	0	0	0
1917	5	16	0.02	0	0	0	0	0	0	0	0	0
1917	5	17	0.1	0	0	0	0	0	0	0	0	0
1917	5	18	0	0	0.07	0	0	0.03	0.07	0.05	0.05	0
1917	5	19	0	0	0	0	0	0	0.08	0.06	0	0.05
1917	5	20	0	0	0.04	0.02	0	0	0.1	0	0.04	0
1917	5	21	0.04	0	0	0	0	0	0	0	0	0
1917	5	22	0.13	0.06	0	0.03	0.16	0.02	0.29	0.02	0.16	0.05
1917	5	23	0.4	0.15	0.52	0.1	0.11	0.71	0.86	0.8	0.19	0.31
1917	5	24	0	0	0	0.01	0.04	0.06	0.22	0.02	0.05	0.05
1917	5	25	0	0.01	0	0	0.02	0.06	0.25	0.15	0.15	0
1917	5	26	0	0	0	0.01	0	0	0	0	0	0.18
1917	5	27	0.09	0.29	0.01	0	0	0.03	0	0.01	0	0.02
1917	5	28	1.08	0.74	0	0	0.09	0	0	0.01	0	0

1917	5	29	0.04	0.49	1.09	0.56	0.83	0.64	0.13	0.41	0.67	0.6
1917	5	30	0	0	0.05	0.34	0.13	0	0	0.01	0	0
1917	5	31	0	0	0	0	0	0	0	0	0	0
1917	6	1	0.23	0	0.06	0.02	0	0.01	0.04	0.06	0	0
1917	6	2	0.01	0.05	0	0	0.08	0	0.01	0	0	0
1917	6	3	0	0	0.86	0.22	0.05	0.89	0.24	0.42	0.04	0.1
1917	6	4	0	0	0	0.07	0	0	0.05	0	0	0
1917	6	5	0	0	0.24	0	0	0.71	0.08	0.07	0	0.05
1917	6	6	0	0.05	0	0.01	0.12	0.01	0	0.22	0	0
1917	6	7	0.14	0	0.35	0	0.46	0.55	0.6	0.04	0.34	0
1917	6	8	0	0.06	0	0.22	0.38	0.22	0.09	0.11	0.41	0.2
1917	6	9	0	0.11	0	0.32	0	0	0	0.54	0.02	0
1917	6	10	0.03	0.54	0.96	0.58	0.02	0.4	0.99	0.57	0.45	0.45
1917	6	11	0.45	0.72	1.45	1.32	0.15	1.47	1.01	0.59	1.04	1.5
1917	6	12	0	0.13	0.5	1.37	0.53	0.65	0.05	0.97	0.26	0.75
1917	6	13	0	0	0	0	0	0	0	0	0	0
1917	6	14	2.54	0	0	0	0	0	0.04	0.19	0.28	0.15
1917	6	15	0.03	0.28	0.02	0.19	0.02	0	0	0.01	0.01	0
1917	6	16	0	0.11	0.46	0.34	0.06	0.54	0.21	0.11	0.12	0.05
1917	6	17	0	1.47	4.14	2.67	0	1.84	0	1.69	0	0
1917	6	18	0	0	0	0.3	0	0	0	0.25	0	0
1917	6	19	0	0	0	0	0	0.02	0	0	0	0
1917	6	20	0	0	0	0	0	0	0.17	0	0.04	0.02
1917	6	21	0	0	0	0	0.11	0	0	0	0	0
1917	6	22	0	0	0	0	0	0	0	0	0	0
1917	6	23	0	0	0	0	0	0	0	0	0	0
1917	6	24	0.1	0.33	0.68	0.54	0.2	0.69	0.07	0.79	0.23	0.4
1917	6	25	0	0	0.04	0.01	0.02	0	0	0.02	0	0
1917	6	26	0	0	0	0	0	0.01	0.07	0.07	0	0.05
1917	6	27	0.12	0.1	0	0.01	0.62	0	0	0	0	0
1917	6	28	0	0	0	0	0	0	0	0	0	0
1917	6	29	0.18	0.1	1.1	0.15	0.13	0.29	1.26	0.61	0.43	0
1917	6	30	0	0	0	0.54	0.03	0	0	0.18	0.02	0
1917	7	1	0	0	0.03	0	0.02	0	0.12	0	0.16	0
1917	7	2	0.09	0.01	0.01	0.06	0.25	0.13	0.02	0.03	0	0.15
1917	7	3	0.79	0.01	0	0	0	0	0	0	0	0
1917	7	4	0.6	0.06	0	0	0	0	0	0	0.01	0
1917	7	5	0	0	0.24	0	0	0	0.07	0	0.06	0
1917	7	6	0	0	0	0	0	0	0	0	0	0
1917	7	7	0	0	0	0	0	0	0	0	0	0
1917	7	8	0	0	0	0	0	0	0	0	0	0
1917	7	9	0.28	0	0	0	0	0	0	0	0.03	0
1917	7	10	0.08	0	0	0	0	0	0.07	0	0.07	0

1917	7	11	0.91	0.22	0.08	0	0.01	0.85	0	0.04	0.16	0
1917	7	12	0.61	0.01	0.26	0.39	0.34	0	0.36	0.47	0.27	0.55
1917	7	13	0	0.06	0	0	0	0	0	0	0.01	0
1917	7	14	0.55	0	0.01	0	0.02	0.02	0.22	0.05	0.04	0.1
1917	7	15	0.21	0	0	0	0.14	0	0.07	0.04	0	1
1917	7	16	0	0	0	0	0.48	0	0	0	0.01	0
1917	7	17	0	0	0	0	0	0.02	0	0	0	0
1917	7	18	0	0	0.04	0.06	0.25	0.07	0.44	0.08	0.27	0
1917	7	19	0.01	0	0	0	0.06	0.06	0.14	0.06	0.01	0.15
1917	7	20	0	0	0	0	0	0	0.06	0.08	0	0
1917	7	21	0	0	0.01	0.12	0	0	0.06	0	0.38	0
1917	7	22	0.87	0	0.07	0	0.12	0	0.78	0	0	0
1917	7	23	0	0	0	0	0	0	0	0.32	0	0
1917	7	24	0	0	0.58	1.07	0	0.12	0.03	1.66	0	0
1917	7	25	0	0	0	0	0	0	0	0	0	0
1917	7	26	0	0	0	0	0	0	0	0	0	0
1917	7	27	0	0.73	0.56	0.5	0	0	0.02	0.07	0	0.2
1917	7	28	0	0	0	0	0	0	0.02	0	0	0
1917	7	29	0.01	0	0	0	0.03	0	0.06	0	0.01	0
1917	7	30	0	0	0.03	0	0	0	1.92	0.02	0.39	0
1917	7	31	0	0	0	0.05	0	0	0	0	0	0
1917	8	1	0	0	0	0	0	0	0	0	0.54	0
1917	8	2	0.33	0	0	0.51	0	0.04	0.16	0.9	0.02	1
1917	8	3	0.23	0.01	0.02	0.02	0	0.02	0	0.02	0	0
1917	8	4	0	0	0	0	0	0	0	0	0	0
1917	8	5	0	0	0	0	0	0	0	0	0	0
1917	8	6	0	0	0	0	0	0	0	0	0	0
1917	8	7	0	0	0	0	0.2	0	0	0	0	0
1917	8	8	0	0	0	0	0	0	0.16	0	0.01	0
1917	8	9	0	1.09	0.14	0.04	0.08	1.23	3	0.09	1.03	0.65
1917	8	10	0	2.97	0.52	0.32	0.59	0.5	0.18	0.44	0.1	0
1917	8	11	0	0	0	0	0	0	0	0	0	0
1917	8	12	0	0	0	0	0	0	0	0	0	0
1917	8	13	0	0	0	0	0	0	0	0	0	0
1917	8	14	0	0	0	0	0	0.04	0.2	0.08	0.13	0.1
1917	8	15	0	0	0	0	0.06	0.43	1.2	0.24	0.02	0.08
1917	8	16	0.04	0	0.01	0.11	0.07	0.26	0.35	0.03	0.01	0.6
1917	8	17	0	1.24	2.4	0.58	0.13	0.39	0.94	0.73	0.29	0.08
1917	8	18	0	0	0.02	0.37	0	0	0	0	0	0.05
1917	8	19	0	0	0	0.47	0	0	0.1	0	0.05	0
1917	8	20	0	0	0.34	0.02	0	0	0.1	0	0.25	0
1917	8	21	0	0.04	0	0.52	0	0	0.1	0	0.01	0.05
1917	8	22	0.06	0	0	0	0	0	0	0	0	0

1917	8	23	0.08	0.05	0.15	0.03	0	0.05	0	0.09	0	0
1917	8	24	0.67	0.02	0.02	0.74	0.23	0.02	0.28	0.06	0.45	0.15
1917	8	25	0	0.06	0	0.06	0.02	0	0	0	0	0
1917	8	26	0	0	0	0	0	0	0	0	0	0
1917	8	27	0	0	0	0	0	0	0	0	0	0
1917	8	28	0	0	0	0	0	0	0.08	0	0.21	0
1917	8	29	0	0.97	0.35	0.17	0.22	0.21	0	0.32	0.19	0.65
1917	8	30	0.15	0.61	0.81	0.84	0.66	1.53	0.18	0.46	0.21	0.15
1917	8	31	0	0	0	0	0.44	0	0	0	0	0
1917	9	1	1.5	0.01	0.03	0	0.13	0.09	0.15	0.18	0.35	0.5
1917	9	2	0	0	0	0	0.47	0	0.25	0	0	0
1917	9	3	0	0	0	0.03	0	0	0	0	0	0
1917	9	4	0	0	0.01	0	0	0	0	0	0	0
1917	9	5	0	0	0	0	0.02	0	0	0	0	0
1917	9	6	0.11	0	0.11	0.13	0.01	0.01	0.15	0.05	0.27	0.05
1917	9	7	0	0	0	0	0.01	0	0	0	0	0
1917	9	8	0.66	0.07	0	0	0.33	0	0	0	0	0
1917	9	9	0	0	0	0	0	0	0.15	0	0.24	0
1917	9	10	0	0	0	0	0.07	0	0	0	0	0.2
1917	9	11	0	0	0	0	0	0	0	0	0	0
1917	9	12	0	0	0	0	0	0	0	0	0	0
1917	9	13	0	0	0	0	0	0	0	0	0	0
1917	9	14	0	0	0	0	0	0	0	0	0	0
1917	9	15	0	0	0	0.01	0	0	0	0	0.11	0
1917	9	16	0	0	0	0	0	0	0	0	0.01	0
1917	9	17	0	0.37	0.01	0	0	0	0	0	0	0
1917	9	18	0	1.1	0.03	0.02	0	0.02	0	0.15	0	0
1917	9	19	0	0	0	0	0	0	0	0	0.6	0
1917	9	20	0	0.2	0.01	0.27	0	0.38	0.04	0.25	0.69	0.15
1917	9	21	0	0	0	0	0.05	0	0.03	0.12	0.02	0.06
1917	9	22	0	0	0.01	0	0	0	0	0	0.04	0
1917	9	23	0	0	0	0	0	0	0	0	0	0
1917	9	24	0	0	0	0	0	0	0	0	0	0
1917	9	25	0	0	0	0	0	0	0	0	0	0
1917	9	26	0	0	0	0	0	0	0	0	0	0
1917	9	27	0	0	0	0	0	0	0	0	0	0
1917	9	28	0.33	0.13	0.08	0.07	0.03	0.06	0.37	0.08	0.45	0.1
1917	9	29	0	0	0	0	0.04	0	0.23	0	0.13	0
1917	9	30	0.08	0.03	0.03	0.18	0.16	0.01	0.16	0.04	0.71	0.8
1917	10	1	0	0	0	0	0.04	0	0.16	0	0.09	0.05
1917	10	2	0	0	0	0	0	0	0	0	0	0
1917	10	3	0	0	0	0	0	0	0.4	0	0.01	0.03
1917	10	4	0	0	0.05	0.09	0.06	0.04	0.61	0.1	0.5	0.36

1917	10	5	0.84	0.28	0.15	0.06	0.18	0.35	0.17	0.09	0.35	0.25
1917	10	6	0.02	0.07	0.07	0.21	0.17	0.13	0.11	0.55	0.04	0.21
1917	10	7	0	0	0	0	0	0	0	0	0	0
1917	10	8	0.01	0	0	0	0	0.03	0.32	0	0.52	0.43
1917	10	9	0.32	0.14	0.1	0.06	0.04	0.02	0	0.03	0	0
1917	10	10	0	0	0.01	0.13	0	0.03	0	0.03	0	0
1917	10	11	0	0.2	0.35	0.38	0	0	0	0.03	0	0
1917	10	12	0.61	0.42	0.05	0.09	0.01	0.4	0.5	0	0.47	0.45
1917	10	13	0	0.04	0.2	0.32	0.61	0	0.14	0.51	0	0.1
1917	10	14	0	0	0	0	0	0	0	0	0	0
1917	10	15	0	0.02	0.06	0.07	0	0.09	0.38	0.12	0.1	0.25
1917	10	16	0	0.02	0	0	0.11	0	0	0.03	0.04	0
1917	10	17	0	0	0	0	0	0	0	0	0	0
1917	10	18	0	0.01	0	0	0.02	0	0.03	0	0	0
1917	10	19	0.01	0.03	0.1	0	0	0.08	0.67	0	0.74	0
1917	10	20	0.38	0.35	0.62	0.82	1.27	0.04	0.09	0.28	0.15	0.65
1917	10	21	0	0	0	0	0	0	0	0	0	0
1917	10	22	0	0	0	0	0	0	0	0	0	0
1917	10	23	0	0	0	0	0	0	0	0	0.11	0.05
1917	10	24	2.51	1.81	0.9	0	0	0.84	0.39	0.39	0.24	0.6
1917	10	25	0	0	0.24	1.48	0.71	0.01	0.44	0.56	0.04	0
1917	10	26	0	0	0	0	0	0	0	0	0	0
1917	10	27	0.47	0	0.02	0	0	0.16	0	0	0.08	0
1917	10	28	0	0.26	0.23	0.3	0.62	0.16	0.56	0.55	0.51	0.6
1917	10	29	0	0	0	0	0	0.02	0.07	0.04	0.22	0.2
1917	10	30	1.64	1.68	0.94	0.85	0.66	1.14	1.06	1.53	1.55	2.37
1917	10	31	0	0	0	0.3	1.17	0	0	0.05	0	0
1917	11	1	0	0	0	0	0	0	0.04	0	0	0
1917	11	2	0	0	0	0	0	0	0.05	0	0	0
1917	11	3	0	0	0	0	0	0	0.22	0	0	0
1917	11	4	0	0	0	0	0	0	0	0	0	0
1917	11	5	0	0	0	0	0	0	0	0	0	0
1917	11	6	0	0	0	0	0	0	0.01	0	0	0
1917	11	7	0	0	0	0	0	0	0	0	0	0
1917	11	8	0	0	0	0	0	0	0	0	0	0
1917	11	9	0	0	0	0	0	0	0	0	0	0
1917	11	10	0	0	0	0	0	0	0	0	0	0
1917	11	11	0	0	0	0	0	0	0	0	0	0
1917	11	12	0	0	0	0	0	0	0	0	0	0
1917	11	13	0	0	0	0	0	0	0	0	0	0
1917	11	14	0	0	0	0	0	0	0	0	0	0
1917	11	15	0	0	0	0	0	0	0	0	0	0
1917	11	16	0	0	0	0	0	0	0	0	0	0.05

1917	11	17	0	0	0	0	0	0	0	0	0	0
1917	11	18	0	0	0	0	0	0	0.39	0	0.2	0
1917	11	19	0	0	0	0	0	0	0	0	0	0.1
1917	11	20	0	0	0.02	0.03	0	0	0.09	0	0	0
1917	11	21	0.02	0.04	0	0	0	0	0	0	0.02	0.05
1917	11	22	0.48	0.39	0.59	0.15	0.11	0.56	0.4	0.5	0.51	0
1917	11	23	0.02	0	0.04	0.39	0.57	0.18	0.24	0.45	0.13	0.4
1917	11	24	0	0	0	0.3	0.01	0	0.04	0	0.02	0
1917	11	25	0	0	0	0	0.01	0	0	0	0	0.02
1917	11	26	0	0	0	0	0	0	0	0	0	0
1917	11	27	0	0	0	0	0	0	0	0	0	0
1917	11	28	0.04	0.16	0.17	0.31	0.03	0.11	0.04	0.08	0.03	0.04
1917	11	29	0	0	0	0.15	0.01	0	0	0	0	0
1917	11	30	0.3	0	0	0	0	0	0.11	0	0.04	0.03
1917	12	1	1.12	1.19	1.46	0.54	0.7	1.11	0.46	1.55	0.34	0.05
1917	12	2	0	0.03	0.24	0.72	0.13	0	0	0.02	0.01	0.4
1917	12	3	0	0	0	0	0	0	0	0	0	0
1917	12	4	0	0.01	0	0	0	0	0	0	0	0
1917	12	5	0	0.01	0	0	0	0	0	0	0	0
1917	12	6	0	0	0	0	0	0	0	0	0	0
1917	12	7	0	0	0	0	0	0	0	0	0	0
1917	12	8	1.54	0.55	0.48	0	0	0.4	0.52	0.77	0.25	0
1917	12	9	0	0.04	0.12	0.42	0.16	0.07	0.18	0	0	0.35
1917	12	10	0.02	0	0	0	0	0	0	0	0	0
1917	12	11	0	0	0	0	0.09	0	0	0	0	0
1917	12	12	0.01	0.02	0	0	0	0	0	0	0	0
1917	12	13	0.96	0.04	0	0	0	0.09	0	0	0.06	0
1917	12	14	0.29	0.6	1.74	0.58	1.01	0.64	0.84	1.47	0.43	0.6
1917	12	15	0	0	0	0	0	0	0.02	0	0.01	0
1917	12	16	0	0	0	0	0	0	0	0	0	0
1917	12	17	0.02	0	0	0	0	0	0	0	0	0
1917	12	18	0	0	0	0	0	0	0	0	0	0
1917	12	19	0	0	0	0	0	0	0.09	0	0	0
1917	12	20	0	0	0	0	0	0	0.16	0	0	0
1917	12	21	0	0	0	0	0	0	0.02	0	0	0
1917	12	22	0	0	0	0	0	0	0	0	0	0
1917	12	23	0	0	0	0	0	0	0	0	0	0
1917	12	24	0	0.02	0.02	0	0	0	0.1	0	0	0
1917	12	25	0.17	0.02	0	0	0.01	0	0	0	0	0
1917	12	26	0	0	0	0	0	0	0	0	0	0
1917	12	27	0	0	0	0	0	0	0	0	0	0
1917	12	28	0	0.03	0.16	0.38	0	0.01	0.4	0.05	0	0.02
1917	12	29	0.12	0	0	0	0	0	0	0	0	0

1917	12	30	0	0	0	0	0	0	0	0	0	0
1917	12	31	0	0	0	0	0	0	0	0	0	0
1918	1	1	0	0	0	0	0	0	0	0	0	0
1918	1	2	0	0	0	0	0	0	0	0	0	0
1918	1	3	0	0.02	0.03	0.01	0	0	0	0	0	0
1918	1	4	0	0	0	0.33	0	0	0	0	0	0
1918	1	5	0	0	0.01	0.26	0	0	0	0	0	0
1918	1	6	0	0	0	0	0	0	0	0	0	0
1918	1	7	0.5	0.68	0.2	0.02	0.4	0.28	0.47	0.75	0.25	0.3
1918	1	8	0	0.06	0.02	0.03	0.1	0.05	0.03	0.06	0.01	0.04
1918	1	9	0	0	0	0	0	0	0.2	0	0	0
1918	1	10	0	0	0	0	0	0	0.21	0	0.01	0.07
1918	1	11	0.06	0	0	0	0	0	0	0	0	0
1918	1	12	1	0.86	0.79	0.37	0.96	0.44	0.5	0.66	0.31	0.2
1918	1	13	0	0	0	0	0	0	0.01	0	0	0
1918	1	14	0	0	0	0	0	0	0.3	0	0	0
1918	1	15	1.15	0.86	2.07	0.72	0.22	0.65	0.76	1.2	0.84	0.7
1918	1	16	0	0	0	0	0.56	0	0	0	0	0
1918	1	17	0	0.01	0	0	0.02	0.01	0	0	0.01	0
1918	1	18	0.1	0	0	0	0	0	0	0	0	0
1918	1	19	0.03	0.13	0.02	0	0.08	0.12	0.07	0.2	0.06	0.12
1918	1	20	0	0	0	0.1	0	0	0.02	0	0	0.02
1918	1	21	0	0	0	0	0	0	0.02	0	0	0
1918	1	22	0.35	0.21	0.07	0	0	0.02	0	0.07	0.01	0.02
1918	1	23	0	0	0	0	0.11	0	0.05	0	0.01	0
1918	1	24	0	0	0	0	0	0	0	0	0	0
1918	1	25	0.01	0.05	0.13	0.14	0.01	0.01	0.08	0.04	0.05	0.02
1918	1	26	0.09	0	0	0	0.02	0	0.06	0	0	0
1918	1	27	0.08	0	0	0	0	0	0	0	0	0
1918	1	28	0.16	0.15	0.1	0	0	0.04	0.41	0.16	0.16	0.02
1918	1	29	0	0.08	0.04	0.08	0.09	0.03	0.2	0	0.01	0.06
1918	1	30	0	0	0	0	0	0	0	0	0	0
1918	1	31	0	0	0	0	0	0	0.01	0	0	0
1918	2	1	0	0	0	0	0	0	0	0	0	0
1918	2	2	0	0	0	0	0	0	0	0	0	0
1918	2	3	0.14	0.09	0.35	0.27	0	0.12	0.18	0.09	0.01	0.1
1918	2	4	0	0	0	0.08	0	0	0.09	0	0	0
1918	2	5	0	0	0	0	0	0	0	0	0	0
1918	2	6	0.01	0	0.18	0.05	0	0.07	0.44	0.09	0.11	0.2
1918	2	7	0.01	0	0.11	0	0.16	0.01	0.49	0.03	0.03	0
1918	2	8	0	0	0.03	0	0	0.02	0	0	0.01	0.02
1918	2	9	0.16	0.3	0.58	0.54	0.05	0.1	0.59	0.37	0.37	0.4
1918	2	10	0	0.02	0.02	0.08	0.1	0	0.08	0	0.06	0.1

1918	2	11	0	0	0	0	0.01	0	0.01	0	0	0
1918	2	12	0	0	0.26	0.12	0	0.03	1.01	0.07	0.14	0
1918	2	13	0	0	0	0.02	0.01	0	0.1	0	0.05	0.1
1918	2	14	0	0	0	0	0	0	0	0	0.01	0
1918	2	15	0.01	0.08	0.11	0.17	0	0	0.39	0	0.09	0.12
1918	2	16	0	0.02	0	0	0	0.01	0	0	0.03	0
1918	2	17	0	0.14	0.3	0.18	0.1	0.7	0.06	0.31	0.09	0
1918	2	18	0	0	0	0	0	0	0	0	0	0
1918	2	19	0.67	0.39	0.19	0.24	0	0.04	0.7	0.27	0.26	0.18
1918	2	20	0.33	0.2	0.05	0	0.24	0	0.13	0.09	0.03	0
1918	2	21	0	0	0	0	0	0	0	0	0	0
1918	2	22	0.15	0.06	0.1	0	0	0.02	0.03	0.1	0	0.02
1918	2	23	0	0.02	0.04	0	0.01	0	0.01	0	0	0
1918	2	24	0	0	0	0	0	0	0.02	0	0	0
1918	2	25	0.16	0	0	0	0	0	0	0	0.05	0
1918	2	26	0.83	0.82	0.28	0.7	0.21	0.55	0.5	0.78	0.45	0.5
1918	2	27	0	0	0	0	0	0	0.16	0	0	0
1918	2	28	0	0.16	0.02	0	0	0.15	0	0.14	0	0.02
1918	3	1	0.01	1.15	0.31	0.21	0.66	0.2	0	0.42	0.01	0.2
1918	3	2	0	0	0	0	0.02	0	0.05	0	0	0.1
1918	3	3	0	0	0	0	0	0	0.01	0	0.03	0
1918	3	4	0.15	0.15	0	0	0	0	0	0	0	0
1918	3	5	0.06	0.08	0.09	0	0.02	0.04	0.04	0.06	0	0
1918	3	6	0.04	0.05	0.06	0.14	0.12	0	0.3	0	0.03	0.35
1918	3	7	0.2	0.36	0.07	0	0.23	0.2	0	0.32	0.17	0.12
1918	3	8	0	0	0	0.09	0.04	0	0.13	0	0.1	0
1918	3	9	0.12	0.2	0.03	0	0	0.14	0	0.03	0	0
1918	3	10	0.14	0.8	1.09	0.67	0.62	0.54	0.9	1	0.1	1.2
1918	3	11	0	0	0	0	0.16	0	0	0	0.72	0
1918	3	12	0.02	0.08	0.09	0.17	0	0.01	0.19	0.13	0	0
1918	3	13	0.08	0	0	0.06	0	0	0	0	0.01	0
1918	3	14	0.75	0.32	0.19	0.11	0.42	0.13	0.75	0.35	0.01	0
1918	3	15	0	0	0	0.09	0.06	0	0.24	0	0.55	0.2
1918	3	16	0	0	0	0	0	0	0	0	0.13	0
1918	3	17	0	0	0	0	0	0	0.05	0	0	0
1918	3	18	0	0	0	0	0	0	0	0	0	0
1918	3	19	0	0	0	0	0	0	0	0	0	0
1918	3	20	0	0	0	0	0	0	0	0	0	0
1918	3	21	0	0	0	0	0	0	0	0	0	0
1918	3	22	0.1	0	0	0	0	0	0	0	0	0
1918	3	23	0	0	0	0	0	0	0	0	0	0
1918	3	24	0	0	0	0	0	0	0	0	0	0
1918	3	25	0	0	0	0	0	0	0	0	0	0

1918	3	26	0	0	0	0	0	0	0	0	0	0
1918	3	27	0	0	0	0	0	0	0	0	0	0
1918	3	28	0	0	0	0	0	0	0	0	0	0
1918	3	29	0	0	0	0	0	0	0	0	0	0
1918	3	30	0	0	0	0	0	0	0	0	0	0
1918	3	31	0	0	0	0	0	0	0	0	0	0
1918	4	1	0	0	0	0	0	0	0.29	0	0.06	0
1918	4	2	0	0	0	0	0	0	0.05	0	0.11	0
1918	4	3	0.51	0.17	0	0	0	0	0	0	0	0
1918	4	4	0	0	0	0	0.17	0	0	0	0	0
1918	4	5	0	0	0	0	0	0	0	0	0	0
1918	4	6	0	0	0	0	0	0	0	0	0	0
1918	4	7	0	0	0	0	0	0	0	0	0	0
1918	4	8	0	0	0	0	0	0	0.39	0	0.16	0
1918	4	9	0.15	0	0.07	0.07	0.49	0.24	0.07	0.28	0.24	0.4
1918	4	10	0.29	0	0	0	0.23	0	0	0.02	0	0
1918	4	11	0.45	0	0	0	0	0	0	0	0	0
1918	4	12	0.54	0.69	0.63	0	0.07	0.8	0	0.77	0.29	0.3
1918	4	13	0.02	0.3	0.2	0.23	0.29	0.1	0	0	0	0
1918	4	14	0	0.08	0	0.06	0	0	0	0	0	0
1918	4	15	0	0	0	0	0	0	0	0	0	0
1918	4	16	0	0	0	0	0	0	0	0	0	0
1918	4	17	0.19	0.16	0	0	0	0.06	0	0	0	0
1918	4	18	0.03	0.12	0.03	0.11	0.19	0.13	0.15	0.2	0.22	0.2
1918	4	19	0	0	0	0.01	0.09	0	0	0	0	0
1918	4	20	0.01	0	0	0	0	0	0	0	0	0
1918	4	21	1.8	1.5	1.39	0.19	0.04	0.61	0.56	0.65	0.56	0.3
1918	4	22	0	0	0.08	1.1	0.6	0.14	0.29	0.03	0.03	0.05
1918	4	23	0.01	0	0.13	0	0.01	0.12	0	0.22	0	0
1918	4	24	0	0.06	0	0.34	0.11	0	0	0	0	0
1918	4	25	0	0	0	0	0	0	0	0	0	0
1918	4	26	0	0	0	0	0	0	0	0	0	0
1918	4	27	0	0	0	0	0	0	0	0	0	0
1918	4	28	0	0	0	0.06	0	0	0	0	0	0
1918	4	29	0.1	0	0.17	0.38	0	0.04	0.23	0.15	0	0
1918	4	30	0.55	0	0	0	0.17	0.02	0	0	0	0
1918	5	1	0.42	1.05	0.79	0.38	0.25	0.74	0.19	0.58	0.47	0.55
1918	5	2	0	0	0	0	0.07	0	0	0	0	0
1918	5	3	0.24	0	0	0	0	0	0	0	0	0
1918	5	4	0.06	0	0	0	0	0	0	0	0	0
1918	5	5	0	0	0	0	0	0	0	0	0	0
1918	5	6	0	0.03	0	0.01	0	0	0.01	0	0.03	0
1918	5	7	0	0.03	0	0	0	0	0.07	0	0	0

1918	5	8	0	0.03	0	0	0	0	0	0	0	0.15
1918	5	9	0	0	0	0	0	0	0	0	0	0
1918	5	10	0.92	0	0.12	0.02	0.02	0.5	0.64	0.46	0.45	0.5
1918	5	11	0	0	0	0.13	0.34	0	0.05	0	0.07	0
1918	5	12	0	0	0	0.01	0	0	0.97	0	0	0.04
1918	5	13	0.08	0	0.01	0	0	0.43	0.47	0	0.68	1.15
1918	5	14	0.23	0.22	0.13	0.21	0.92	0.27	0.01	0.48	0.2	0.1
1918	5	15	0	0	0	0	0	0	0	0	0	0
1918	5	16	0	0	0	0	0	0	0	0	0	0
1918	5	17	0	0	0	0	0	0	0	0	0	0
1918	5	18	0	0	0	0	0	0	0	0	0	0
1918	5	19	0	0	0	0	0	0	0	0	0.14	0.15
1918	5	20	0	0	0	0	0.02	0	0	0	0.92	0
1918	5	21	1.86	0	0.03	0.01	0.03	0.13	0	0.02	0	0.12
1918	5	22	0	0.14	0	0	0.36	0	0.37	0	0.65	0.05
1918	5	23	0.24	0.01	0	0.04	0.16	0	0	0	0	0
1918	5	24	0	0	0	0	0	0	0	0	0	0
1918	5	25	0.01	0.15	0.05	0	0	0.1	0	0.19	0.17	0
1918	5	26	0	0	0	0	0.27	0.01	0	0	0	0.1
1918	5	27	0.03	0.1	0.41	0.19	0.26	0.11	0.1	0	1.02	0.55
1918	5	28	0.18	0.14	0.01	0.02	0.01	0.06	0.07	0.04	0.01	0.15
1918	5	29	0	0.01	0.04	0	0	0.01	0	0	0.11	0
1918	5	30	0.52	0.04	0.09	0.12	0.09	0.07	0	0.07	0	0.15
1918	5	31	0.04	0.04	0.08	0.02	0	0	0.16	0	0	0
1918	6	1	0	0.17	0.02	0	0	0	0.08	0.01	0.71	0.17
1918	6	2	0	0	0	0	0	0	0	0	0	0
1918	6	3	0	0	0	0	0	0	0	0	0	0
1918	6	4	0	0	0	0.01	0	0.27	0	0.04	0	0
1918	6	5	0.05	0	0.01	0	0.03	0	0	0	0	0
1918	6	6	0	0.11	0	0	0	0	0.03	0	0.01	0
1918	6	7	1.95	0.25	0.3	0.84	0.33	0.39	0.43	0.5	0.77	0.32
1918	6	8	0	0	0	0	0.16	0	0	0	0	0
1918	6	9	0	0	0	0	0	0	0	0	0.14	0.05
1918	6	10	0.85	0.02	0.32	0.32	0.13	0.26	0	0.43	0	0.3
1918	6	11	0.07	0	0	0	0	0	0.09	0.23	0	0
1918	6	12	0.17	0.09	0.15	0.29	0.32	0.26	1.23	0.19	1.62	0.8
1918	6	13	0	0	0	0	0.46	0	0.09	0	0.04	0.05
1918	6	14	0	0.01	0	0	0	0.01	0.01	0.01	0.03	0.05
1918	6	15	0	0	0	0.14	0	0	0	0	0	0
1918	6	16	0	0	0	0	0	0	0	0	0	0
1918	6	17	0	0	0	0.01	0	0	0.05	0	0	0
1918	6	18	0	0	0	0	0	0	0	0	0	0
1918	6	19	0	0	0.08	0	0	0	0	0	0	0

1918	6	20	0	0	0	0	0	0	0	0	0	0
1918	6	21	0.25	0.07	0	0	0	0.16	0	0	0.05	0
1918	6	22	1.21	1.2	1.76	1.43	0.83	1.42	0.74	2.26	0.21	0.45
1918	6	23	0	0.02	0.08	1.58	0.02	0	0.84	0	0.69	0.4
1918	6	24	0	0	0	0	0.02	0	0	0	0	0
1918	6	25	0.06	0	0	0	0	0	0	0.01	0.05	0
1918	6	26	0	0	0	0	0	0	0	0	0	0
1918	6	27	0	0	0	0	0	0	0	0	0	0
1918	6	28	0	0	0	0	0	0	0	0	0	0
1918	6	29	0	0	0.01	0	0	0	0.53	0	0.19	0.81
1918	6	30	0	0	0	0	0	0	0	0	0.01	0
1918	7	1	0.5	0.03	0.05	0.05	0	0.04	0.69	0.22	0.19	0.35
1918	7	2	0	0.19	0.35	0.06	0.87	0	0	0.06	0	0
1918	7	3	0	0	0	0	0	0	0	0	0	0
1918	7	4	0	0	0	0	0	0	0	0	0	0
1918	7	5	0	0.08	0.32	0.03	0	0	0	0	0	0
1918	7	6	0.33	0.04	0.05	0.04	0.03	0	0.05	0.04	1.04	0.61
1918	7	7	0	0.08	0.07	0.75	0	0.11	0.04	0.26	0.02	0.26
1918	7	8	0	0	0.36	1.08	0	0	0.24	0	0.03	0.45
1918	7	9	0	0	0.26	0.03	0	0.01	0.56	0.04	0	0.15
1918	7	10	0.13	0.15	0.04	0.14	0.05	0.01	0	0.04	0	0
1918	7	11	0.05	0.05	0	0.03	0.24	0.08	0.49	0	0.01	0.05
1918	7	12	0	0.39	0	0.4	0	0.26	0.01	0.29	0	0.02
1918	7	13	0	0	0	0	0	0.14	0	0.04	0.07	0.2
1918	7	14	0.09	0.29	0.17	0.03	0.11	0.25	0.01	0.6	0.07	0.1
1918	7	15	0	0	0.12	0.89	0.15	0.01	0.08	0	0	0
1918	7	16	0	0	0	0	0	0	0	0	0.01	0
1918	7	17	0.06	0.28	0.19	2.4	0.07	0.51	0	0.09	0.13	0.3
1918	7	18	0	0.03	0.04	0.54	0.05	0	0	0.12	0	0
1918	7	19	0.2	0	0	0	0	0	0	0	0	0
1918	7	20	0	0	0	0	0	0	0	0.09	0	0
1918	7	21	0	0	0	0	0	0	0	0	0	0.03
1918	7	22	0	0	0	0	0	0	0	0	0.2	0
1918	7	23	0	0	0	0	0	0	0	0.03	0	0
1918	7	24	0	0	0.1	0.3	0	0	0	0.05	0	0.08
1918	7	25	0	0	0	0	0	0	0	0	0	0
1918	7	26	0	0	0.01	0	0	0	0	0	0	0
1918	7	27	0	0	0	0	0	0	0	0	0	0
1918	7	28	0	0	0.01	0	0	0.01	0	0.23	0.11	0
1918	7	29	0	0	0	0	0	0	1.18	0	0.52	0
1918	7	30	2	0.67	0.8	0.3	0.01	0.31	0.26	0.24	0.55	0.25
1918	7	31	1	0.36	0	0	0.01	0	0	0	0	0
1918	8	1	0	0	0	0	0	0	0	0	0	0

1918	8	2	0	0	0	0	0	0	0.01	0	0.11	0.1
1918	8	3	0	0	0.05	0.05	0	0	0	0	0	0
1918	8	4	0.1	0	0	0	0	0	0	0	0	0
1918	8	5	0.3	0.06	0.19	1.15	0.25	0.16	0.18	0.08	0.01	0.25
1918	8	6	0	0	0.01	0.05	0	0	0	0	0	0
1918	8	7	0	0.21	0.07	0.25	0.06	0.04	0.37	0.44	0.17	0
1918	8	8	0.24	0	1.05	0.01	0	1.29	0.16	0.24	0.51	0.7
1918	8	9	0	0.71	1.49	1.8	0.06	1.19	0.01	1.37	1.31	1.45
1918	8	10	0.14	0	0.01	0.01	0.25	0.06	0.01	0	0	0
1918	8	11	0.54	0.2	0.09	0	0.42	0.32	0.05	0.12	0	0
1918	8	12	0.16	0	0	0	0	0	0	0	0	0
1918	8	13	0	0	0	0	0	0	0.09	0	0.06	0.01
1918	8	14	0.08	0.11	0.66	0.52	0	0.02	0	0.55	0	1
1918	8	15	0	0	0	0.01	0.15	0	0	0	0	0
1918	8	16	0	0	0	0	0	0	0	0	0.01	0
1918	8	17	0	0	0	0	0	0	0	0	0	0
1918	8	18	0	0	0	0	0	0	0	0	0	0
1918	8	19	0	0	0	0	0	0	0	0	0	0
1918	8	20	0	0	0	0	0	0	0	0	0	0
1918	8	21	0	0	0	0	0	0	0	0	0	0
1918	8	22	0	0	0	0	0	0	0	0	0	0
1918	8	23	0	0	0	0	0	0	0.14	0	0	0
1918	8	24	0	0.15	0.59	0	0	0.64	0.02	0.61	0.14	0
1918	8	25	0	0	0	0.29	0.56	0.06	0	0	0	0
1918	8	26	0	0.03	0.01	0	0	0	0.04	0	0.04	0
1918	8	27	0	0	0	0.13	0	0	0	0.02	0	0
1918	8	28	0	0	0	0	0	0	0	0	0	0
1918	8	29	0.59	0.09	0.4	0.13	0.09	0.19	0.12	0.49	0.05	0.06
1918	8	30	0	0	0	0.02	0.23	0	0	0	0	0
1918	8	31	0.28	0	0.02	0	0	0	0.57	0	1.6	0
1918	9	1	0	0.3	0.18	0.58	1.35	0.2	0.01	0.3	0.01	1.58
1918	9	2	0	0	0	0	0	0	0	0	0	0
1918	9	3	0	0	0	0	0	0	0	0	0	0
1918	9	4	0	0	0	0	0	0	0.1	0	0.04	0
1918	9	5	0	0	0.01	0	0	0	2.2	0.01	0.24	0
1918	9	6	0	0	0.02	0.32	0.19	0	0.18	0	0.48	0.41
1918	9	7	0	0	0	0.01	0.02	0	0	0	0	0
1918	9	8	0.18	0.74	0.23	0	0	0.26	0	0.31	0	0
1918	9	9	0	0.31	0.19	0.39	0.06	0.12	0	0	0	0.05
1918	9	10	0	0	0	0	0	0	0.01	0	0.04	0
1918	9	11	0	0	0	0	0	0	0	0	0.05	0
1918	9	12	0.04	0.12	0	0	0.03	0.18	0.69	0.07	0.14	0.1
1918	9	13	0.26	2.3	0.52	0.65	0.35	0.36	1.15	1	0.72	0.42

1918	9	14	0	0	0	0.02	0.16	0	0	0.01	0	0
1918	9	15	0	0	0	0	0	0	0	0	0	0
1918	9	16	0	0	0	0	0.01	0	0.25	0	0.28	0.1
1918	9	17	0	0.04	0.89	0.42	0.02	0.81	0.26	0.09	0.65	0.61
1918	9	18	1.26	1.63	0.82	0.55	0	0.96	0.57	1	0.32	0.61
1918	9	19	0	0	0	0.52	0.89	0	0.06	0	0	0
1918	9	20	0.62	0.97	0.52	0.67	0.15	0.75	0.52	0	0.39	0.8
1918	9	21	0.26	0.36	0.26	0.69	0.79	0.38	0.18	2.09	0.53	0.05
1918	9	22	0	0	0	0	0	0	0	0	0	0
1918	9	23	0	0	0.13	0.56	0	0	0.15	0	0.15	0
1918	9	24	0	0.01	0.24	0.62	0.23	0.1	0.02	0.3	0.46	0.5
1918	9	25	0	0	0	0	0.01	0.01	0.04	0	0	0
1918	9	26	0.12	2.12	0.98	0.8	1.26	2.62	0.23	3.07	1.04	1
1918	9	27	0	0.29	0.56	1.18	1.09	0.12	0.85	0	0.04	0.8
1918	9	28	0	0	0	0	0.01	0	0.18	0	0	0
1918	9	29	0	0	0	0	0	0	0.06	0	0.08	0
1918	9	30	0.18	0	0.03	0	0	0.09	0.11	0	0.01	0
1918	10	1	0.14	0.11	0.01	0.1	0.1	0	0	0.11	0	0
1918	10	2	0	0	0	0	0	0	0.29	0	0.09	0
1918	10	3	0.01	0.02	0.11	0.16	0.08	0.06	0.04	0.02	0	0.1
1918	10	4	0	0	0	0	0	0	0	0	0	0
1918	10	5	0	0	0.18	0.23	0	0.05	1.47	0.08	1.49	0.4
1918	10	6	0.07	0.25	0.66	0.86	0.5	0.52	0.88	0.83	1.36	1.4
1918	10	7	0.06	0	0	0.01	0.04	0	0	0	0	0
1918	10	8	0	0	0	0	0	0	0	0	0	0
1918	10	9	0	0	0	0	0	0	0	0	0	0
1918	10	10	0	0	0	0	0	0	0	0	0	0
1918	10	11	0	0	0	0	0	0	0.03	0	0	0
1918	10	12	0.07	0.13	0.02	0	0	0.03	0.04	0.2	0	0
1918	10	13	0	0	0.31	0.1	0.31	0.15	0.62	0.09	0.06	0.08
1918	10	14	0	0	0	0.04	0.04	0	0	0	0	0
1918	10	15	0	0	0	0	0	0	0	0	0	0
1918	10	16	0	0	0	0	0	0	0	0	0	0
1918	10	17	0	0	0.25	0	0	0	0.32	0	0.4	0
1918	10	18	0	0	0.32	1	0	0.03	0.01	0.09	0.06	0.2
1918	10	19	0	0	0	0	0	0	0	0	0	0.18
1918	10	20	0.08	0.04	0.21	0	0	0.05	0.6	0.19	0.26	0
1918	10	21	0	0.06	0.01	0.38	0.08	0.02	0	0	0.01	0
1918	10	22	0	0	0	0	0	0	0	0	0	0
1918	10	23	0	0	0	0	0	0	0	0	0	0
1918	10	24	0	0	0	0	0	0	0	0	0	0
1918	10	25	0	0	0	0	0	0	0.42	0	0.39	0
1918	10	26	0	0	0.15	0.12	0.11	0.13	0.38	0.41	0.38	0.4

1918	10	27	0	0	0.01	0.04	0.14	0	0	0.18	0	0
1918	10	28	0	0	0.02	0	0	0	0	0.01	0	0
1918	10	29	0	0	0	0	0	0	0.06	0	1.01	0.1
1918	10	30	0	0	0.01	0.7	0.01	0	0.31	0.47	0.87	1.5
1918	10	31	0.35	0.38	0.12	0.25	0.36	0.1	0.19	0.03	0.37	0.75
1918	11	1	0	0	0	0.03	0	0	0	0	0.04	0
1918	11	2	0	0	0	0	0	0	0	0	0	0
1918	11	3	0	0	0	0	0	0	0	0	0	0
1918	11	4	0.02	0.04	0.25	0.16	0.01	0.21	0.05	0.32	0.23	0.24
1918	11	5	0	0.03	0.03	0.07	0.41	0.02	0	0	0	0
1918	11	6	0	0	0	0	0	0	0	0	0	0
1918	11	7	0	0	0	0	0	0	0.09	0	0	0.01
1918	11	8	0	0	0	0	0	0	0	0	0	0
1918	11	9	0.05	0	0.01	0.05	0	0.05	0.21	0.13	0	0.01
1918	11	10	0.03	0.06	0.09	0.29	0.06	0	0.03	0	0.15	0.1
1918	11	11	0	0	0	0	0	0	0	0	0	0
1918	11	12	0	0	0	0	0	0	0	0	0	0
1918	11	13	0	0.18	0.07	0.08	0	0	0	0	0	0
1918	11	14	0	0	0.14	0	0	0	0.09	0	0.07	0.02
1918	11	15	0	0	0	0	0	0	0.06	0	0	0
1918	11	16	0	0	0	0	0	0	0	0	0	0
1918	11	17	1	0.46	1.08	0.1	0	0.62	0.62	0	0.25	0.3
1918	11	18	0.57	0.21	0.96	1.42	0.23	1	1.85	0	2.29	1
1918	11	19	0.03	0	0.03	0.22	1.59	0.03	0.53	0	1.2	1.5
1918	11	20	0.01	0.05	0.09	0.2	0.16	0.03	0.02	1.49	0.02	0.25
1918	11	21	0	0	0.12	0.29	0	0.01	0	0	0.09	0
1918	11	22	0	0	0	0.01	0	0	0	0	0	0.1
1918	11	23	0	0	0	0	0	0	0	0	0	0
1918	11	24	0	0	0	0	0	0	0	0	0	0
1918	11	25	0	0	0	0	0	0	0	0	0	0.01
1918	11	26	0	0	0	0	0	0	0	0	0	0
1918	11	27	0	0	0	0	0	0	0	0	0	0
1918	11	28	0.7	0.04	0.07	0	0	0.11	0.43	0.4	0.05	0
1918	11	29	0	0.13	0.44	0.54	0.08	0.26	0.32	0	0.1	0.1
1918	11	30	0	0	0	0	0	0	0.06	0	0.04	0.05
1918	12	1	0	0	0.02	0.15	0.02	0	0.15	0	0.07	0.05
1918	12	2	0	0	0.04	0	0	0	0	0	0	0
1918	12	3	0	0.03	0.11	0.19	0	0.01	0.08	0.01	0.01	0
1918	12	4	0	0.13	0.28	0.22	0	0.1	0.12	0.08	0.21	0.12
1918	12	5	0.04	0	0	0.09	0.01	0	0	0.05	0	0
1918	12	6	0	0.42	0.1	0	0.32	0.4	0	0.19	0.08	0.12
1918	12	7	0	0	0.01	0	0.04	0	0.05	0	0	0
1918	12	8	0	0	0.05	0	0	0	0.21	0.01	0	0

1918	12	9	0	0	0	0.11	0	0	0	0	0	0
1918	12	10	0	0	0	0	0	0	0	0	0	0
1918	12	11	0.94	0.42	0.33	0	0	0.15	0.33	0.33	0.02	0.1
1918	12	12	0.02	0.6	0.31	0.32	0.29	0.09	0	0	0	0
1918	12	13	0.15	0.09	0.23	0	0	0.17	0.28	0	0.18	0
1918	12	14	0.18	0.18	0.34	0.31	0.28	0.7	0.9	0.9	0.06	0.1
1918	12	15	0.33	0.34	0.45	0.51	0.19	0.52	0.08	0	0.03	0
1918	12	16	0	0	0	0	0	0	0	0	0	0
1918	12	17	0	0	0	0	0	0	0	0	0	0
1918	12	18	0	0	0	0	0	0	0	0	0	0
1918	12	19	0	0	0	0	0	0	0	0	0	0
1918	12	20	0	0	0	0	0	0	0	0	0	0
1918	12	21	0	0	0	0	0	0	0	0	0	0
1918	12	22	1.27	0.08	0.09	0	0	0.41	0.65	0.79	0.21	0.2
1918	12	23	0	0.17	0.66	0.73	0.3	0.08	0	0	0.02	0.1
1918	12	24	0.67	0.55	0.23	0	0	0.54	0.23	0.7	0.39	0.1
1918	12	25	0	0.12	0.41	0.65	0.66	0.2	0.44	0	0.24	0.34
1918	12	26	0.01	0.02	0.09	0.01	0.05	0	0	0	0.02	0
1918	12	27	0	0	0	0.1	0	0	0	0	0	0
1918	12	28	0	0	0.19	0.33	0	0.04	0	0.05	0.05	0.05
1918	12	29	0	0.03	0.14	0.17	0	0.03	0	0	0.05	0.03
1918	12	30	0	0	0	0	0	0	0	0	0	0
1918	12	31	0	0.03	0.22	0.24	0	0.08	0.21	0.14	0.14	0.05
1919	1	1	0.71	0.6	0.09	0.26	0.29	0.25	0.11	0.27	0.06	0.1
1919	1	2	0.96	0.38	0.38	0.32	0.09	0.19	0	0.13	0	0
1919	1	3	0.43	0.9	1.46	0.64	0.4	0.58	0.15	0.68	0.16	0.08
1919	1	4	0	0.09	0.07	0.21	0.08	0.03	0.12	0.03	0.03	0.04
1919	1	5	0	0	0	0	0	0	0	0	0	0
1919	1	6	0	0	0	0	0	0	0	0	0	0
1919	1	7	0	0	0.02	0	0	0	0.01	0	0	0
1919	1	8	0.07	0.06	0.04	0.11	0	0	0.3	0	0	0
1919	1	9	0	0	0.01	0	0.02	0.02	0.16	0	0.03	0.1
1919	1	10	0	0	0	0.06	0	0	0.36	0	0.03	0
1919	1	11	0	0	0	0	0	0	0	0	0	0
1919	1	12	0	0	0	0	0	0	0	0	0	0
1919	1	13	0	0	0	0	0	0	0	0	0	0
1919	1	14	0	0	0	0	0	0	0	0	0	0
1919	1	15	0	0	0	0	0	0	0	0	0	0.04
1919	1	16	0	0	0	0	0	0	0	0	0	0
1919	1	17	0	0	0	0	0	0	0.08	0	0	0
1919	1	18	0.11	0	0	0	0	0	0	0	0	0
1919	1	19	0	0	0.07	0.09	0	0	0.1	0	0.19	0
1919	1	20	0	0	0	0	0	0	0	0	0	0

1919	1	21	0	0	0	0	0	0	0	0	0	0
1919	1	22	0	0	0	0	0	0	0.04	0	0	0
1919	1	23	1.22	0.29	0.42	0	0	0.6	0.68	1.26	0.26	0.4
1919	1	24	0.01	1.15	2.06	2.27	0.53	1.2	0.4	0	0.28	0.1
1919	1	25	0	0	0	0.03	0	0	0	0	0	0
1919	1	26	0	0	0	0	0	0	0	0	0	0
1919	1	27	0	0	0	0	0	0	0	0	0.02	0.05
1919	1	28	0	0	0	0	0	0.04	0.04	0	0.07	0.12
1919	1	29	0	0.15	0.07	0	0	0.14	0.03	0.2	0.05	0.02
1919	1	30	0	0	0	0	0	0	0.1	0	0	0
1919	1	31	0	0	0	0	0	0	0.01	0	0	0
1919	2	1	0	0	0	0	0.01	0	0.01	0	0.03	0
1919	2	2	0	0	0	0	0	0	0	0	0	0
1919	2	3	0	0	0	0	0	0	0	0	0	0
1919	2	4	0.1	0.03	0.02	0	0	0	0.03	0	0.05	0
1919	2	5	0	0	0.04	0.14	0	0	0.04	0	0	0.04
1919	2	6	0	0	0	0	0	0	0	0	0	0
1919	2	7	0	0	0	0	0	0	0	0	0	0
1919	2	8	0.06	0	0	0	0	0	0	0	0.03	0
1919	2	9	0	0	0.01	0.18	0.02	0	0	0	0.04	0.04
1919	2	10	0	0	0	0	0	0	0	0	0	0
1919	2	11	0	0	0	0	0	0	0	0	0	0
1919	2	12	0	0	0	0	0	0	0	0	0	0
1919	2	13	0.08	0	0	0	0	0	0	0	0	0
1919	2	14	1.19	0.66	0.16	0	0.07	0.18	1.17	0.12	0.46	0.07
1919	2	15	0.28	0.07	0	0.21	0.31	0	0.18	0	0.04	0.12
1919	2	16	0	0	0	0	0.05	0	0.04	0	0.03	0.06
1919	2	17	0	0	0	0	0	0	0	0	0	0
1919	2	18	0.03	0	0	0	0	0	0	0	0	0
1919	2	19	0	0	0	0	0	0	0	0	0	0
1919	2	20	0	0	0	0	0	0	0	0	0	0
1919	2	21	0.14	0.02	0.12	0	0	0.14	0	0.2	0.03	0
1919	2	22	0.06	0.13	0	0.02	0.34	0	0	0	0.02	0.05
1919	2	23	0.65	0.95	1.17	0.96	0.28	1	0.51	0.7	0.06	0.14
1919	2	24	0	0	0	0.01	0	0	0	0	0	0
1919	2	25	0.55	0	0	0	0	0	0.03	0	0.11	0
1919	2	26	0.7	0.8	0.73	0.09	0.61	0.62	0	0.77	0.12	0.21
1919	2	27	0	0	0	0	0	0	0	0	0	0
1919	2	28	0	0	0.09	0	0	0	0.01	0	0	0
1919	3	1	1.14	0.49	0.35	0.49	0.52	0.53	0.49	0.69	0.25	0.4
1919	3	2	0	0	0	0	0.08	0	0	0	0	0
1919	3	3	0	0	0	0	0	0	0	0	0	0
1919	3	4	0	0	0	0	0	0	0.1	0	0	0

1919	3	5	0.2	0.04	0.07	0	0	0	0.88	0.02	0.19	0.06
1919	3	6	0.01	0.07	0.13	0.09	0.09	0	0	0	0.07	0
1919	3	7	0	0	0	0	0	0	0	0	0	0
1919	3	8	0	0	0	0	0	0	0	0	0	0
1919	3	9	1.33	0.89	1.3	1.29	0.19	0.79	1.91	0.9	0.34	0.6
1919	3	10	0	0	0.02	0.04	0.6	0	0	0	0	0
1919	3	11	0.01	0	0.01	0	0	0	0	0	0.03	0
1919	3	12	0	0	0	0	0	0	0	0	0	0
1919	3	13	0	0	0	0	0	0	0	0	0	0.04
1919	3	14	0.05	0	0	0	0	0	0	0	0	0
1919	3	15	0.05	0	0	0	0	0	0	0	0	0
1919	3	16	0.29	0.91	0.18	0	0.12	0.09	0.14	0.25	0.04	0.15
1919	3	17	0.02	0.12	0.15	0.2	0.8	0.03	0.02	0.32	0.03	0
1919	3	18	0.11	0.39	0.79	0.44	0.09	0.2	0.15	0.17	0.1	0.1
1919	3	19	0.58	0.32	0.07	0.33	0.04	0.27	0	0.18	0.02	0
1919	3	20	0.02	0	0	0.03	0	0	0	0.02	0.01	0
1919	3	21	0	0	0	0	0	0	0.03	0	0	0
1919	3	22	0	0	0	0	0	0	0	0	0	0
1919	3	23	0	0.08	0.17	0.29	0	0.18	0	0.16	0	0
1919	3	24	0	0	0	0.04	0	0	0	0.04	0	0
1919	3	25	0	0	0	0	0	0	0	0	0	0
1919	3	26	0	0	0	0	0	0	0	0	0	0
1919	3	27	1.79	0	0	0	0	0.01	0.17	0	0.08	0
1919	3	28	0.36	0.66	0.38	0.96	1.9	1.17	1.19	1.35	1.57	0
1919	3	29	0	0.13	0.11	0.29	0.33	0	1.02	0.14	0.32	0
1919	3	30	0	0	0.28	0.23	0	0	0.11	0	0.17	0
1919	3	31	0	0.01	0.01	0.18	0.04	0.01	0.05	0	0.1	0.3
1919	4	1	0	0	0	0	0.06	0	0	0	0.01	0
1919	4	2	0	0	0.02	0	0	0	0.2	0	0.01	0
1919	4	3	0	0	0	0	0	0	0	0	0	0
1919	4	4	0	0.02	0	0	0.02	0	0	0	0.01	0
1919	4	5	0.13	0.03	0.03	0.06	0.01	0.02	0.04	0.08	0.01	0
1919	4	6	0	0	0.01	0.03	0	0.01	0.19	0	0.02	0
1919	4	7	0	0.12	0.04	0.06	0	0.01	0	0	0	0.05
1919	4	8	0.11	0.01	0	0	0.02	0	0	0	0	0
1919	4	9	0	0.14	0	0	0.11	0.01	0	0	0	0
1919	4	10	0	0.01	0.04	0	0	0.04	0.05	0.17	0	0.1
1919	4	11	0.6	0.13	0.12	0.03	0.12	0.38	0.56	0	1.31	0.2
1919	4	12	0.06	0.2	0.25	0.29	0.91	0.25	0	0.31	0	0.4
1919	4	13	0.02	0	0	0.05	0	0	0.16	0	0.11	0
1919	4	14	0	0	0	0.04	0	0	0	0	0.01	0
1919	4	15	0.08	0	0	0	0	0	0	0	0	0
1919	4	16	1.57	1.05	0.77	0.01	0.01	0.64	0.99	0.24	0.33	0.05

1919	4	17	0.01	0.57	0.46	0.85	0.31	0.32	0.12	0.44	0.15	0.1
1919	4	18	0.01	0	0	0	0.01	0	0.01	0	0.06	0.1
1919	4	19	0	0	0	0	0.13	0	0	0	0	0
1919	4	20	0	0	0	0	0	0	0.1	0	0.01	0
1919	4	21	0	0.01	0	0	0	0	0	0	0	0
1919	4	22	0	0	0	0	0	0	0	0	0	0
1919	4	23	0	0	0	0	0	0	0	0	0	0
1919	4	24	0.29	0.04	0.1	0	0.06	0.19	0.26	0.18	0.17	0.05
1919	4	25	0	0	0.18	0.56	0.19	0	0.03	0.1	0	0.15
1919	4	26	0	0	0	0.02	0.03	0.02	0.2	0	0.03	0.12
1919	4	27	0	0	0	0	0.02	0	0	0	0	0
1919	4	28	0	0	0.03	0	0	0.03	0.25	0	0.14	0
1919	4	29	0	0	0.15	0.3	0.03	0	0.04	0.07	0.04	0.15
1919	4	30	0	0	0	0.07	0	0	0	0	0	0
1919	5	1	0.74	0.12	0.02	0	0	0.28	0	0.64	0.1	0
1919	5	2	0	0.44	0.55	0.52	0.39	0.43	0.63	0	0.12	0.25
1919	5	3	0	0	0	0	0	0	0	0	0.01	0
1919	5	4	0	0.05	0.25	0.07	0	0.34	0.21	0.2	0.48	0
1919	5	5	0.02	0.15	0.07	0.15	1.36	0.03	0.23	0	0.24	0.25
1919	5	6	0	0	0	0	0	0	0	0	0	0
1919	5	7	0.38	0	0.36	0.24	0.06	0.11	0.07	0.32	0.13	0.05
1919	5	8	0	0	0	0	0.05	0	0	0	0	0
1919	5	9	0.26	0	0	0	0.07	0	0	0	0	0
1919	5	10	1.09	0.43	0	0	0.07	0.12	0	0	0.03	0
1919	5	11	0	0.69	0.37	0.06	0.64	0.41	0.38	0.26	0.18	0.15
1919	5	12	0	0.39	0.12	0.05	0.06	0.09	0	0.05	0.01	0
1919	5	13	0	0.03	0	0	0.06	0	0	0	0	0
1919	5	14	0	0	0	0	0	0	0	0	0	0
1919	5	15	0	0	0	0	0	0	0	0	0	0
1919	5	16	0	0	0	0	0	0	0.06	0	0.02	0.63
1919	5	17	0.53	0.4	1.04	0.25	0.21	0.76	0.82	0.6	0.57	0.05
1919	5	18	0	0.1	0.36	1.33	1.02	0.03	0.06	1.3	0.13	0
1919	5	19	0	0	0	0	0	0	0	0	0	0
1919	5	20	0	0	0	0	0	0	0	0	0	0
1919	5	21	0.23	0	0.36	0.07	0	0.09	0.14	0.15	0.01	0.1
1919	5	22	0.08	1.19	1.33	0.5	0.92	2.36	1.41	2.44	1.29	1.25
1919	5	23	0.37	0	0.09	0.48	0.25	0	0.02	0.36	0	0
1919	5	24	0.45	0.06	0.03	0.12	0.05	0.02	0.01	0.04	0	0
1919	5	25	0	0.2	0.11	0	0.07	0.04	0	0	0.14	0.24
1919	5	26	0	0	0.1	0.08	0.14	0	0	0	0	0
1919	5	27	0	0	0	0	0	0	0	0	0.07	0
1919	5	28	0	0	0	0	0	0	0	0	0.01	0
1919	5	29	0	0	0	0	0	0	0	0	0	0

1919	5	30	0	0	0	0	0	0	0	0	0	0
1919	5	31	0	0	0	0	0	0	0	0	0	0
1919	6	1	0	0	0	0	0	0	0	0	0	0
1919	6	2	0	0	0	0	0	0	0	0	0	0
1919	6	3	0	0	0	0	0	0	0	0	0	0
1919	6	4	0	0	0	0	0	0	0	0	0	0
1919	6	5	0	0	0	0	0	0	0	0	0	0
1919	6	6	0.05	0	0	0	0	0	0.4	0	0.03	0.15
1919	6	7	0	0	0.31	0.14	0.03	0	0.69	0.35	0.53	0.4
1919	6	8	0.03	0	0	0	0	0.1	0.03	0	0	0
1919	6	9	0.09	0.32	0.79	0.08	0.06	0.28	0.91	1.03	0.18	0.6
1919	6	10	0	0	0	0.36	0.1	0	0.1	0.29	0	0
1919	6	11	0	0	0	0	0	0	0	0	0	0
1919	6	12	0	0	0	0	0	0	0	0	0	0
1919	6	13	0	0	0	0	0	0	0	0	0	0
1919	6	14	0	0	0	0	0	0	0.16	0	0	0.1
1919	6	15	0	0	0.02	0.22	0.08	0	0.52	0	0.22	0.55
1919	6	16	0	0	0.03	0	0.14	0	0	0	0	0
1919	6	17	0	0	0	0.2	0	0	0	0	0	0
1919	6	18	0	0	0	0	0	0	0	0.03	0	0
1919	6	19	0	0	0	0	0	0	0.03	0.01	0.04	0
1919	6	20	1.39	0.12	0.09	0.02	0	0.29	0.05	0.24	0.27	0.3
1919	6	21	0	0	0	0	0.09	0	0	0	0	0
1919	6	22	0	0	0	0	0	0	0	0	0	0
1919	6	23	0	0	0.01	0	0	0	0.05	0	0.02	0
1919	6	24	0	0	0.08	0	0	0	0	0	0	0
1919	6	25	0	0	0	0	0	0	0	0	0	0
1919	6	26	0.29	0	0	0	0	0	1.1	0	0.01	0
1919	6	27	1.99	0.64	0.38	1.05	0.14	0.97	0.13	0.27	0.34	1.15
1919	6	28	0	0	0	0	0.46	0	0	0	0	0
1919	6	29	0	0	0	0	0	0	0	0	0	0
1919	6	30	0	0	0	0	0	0	0	0	0	0
1919	7	1	0	0	0	0	0	0	0	0	0	0
1919	7	2	0	0	0	0	0	0	0	0	0	0
1919	7	3	0	0	0.01	0	0	0	0	0	0	0
1919	7	4	0	0	0	0	0	0	0	0	0	0
1919	7	5	0	0	0	0.02	0	0.01	0.13	0	0.01	0.02
1919	7	6	0.35	0.22	0.57	0.24	0.43	0.22	0	1.32	0.14	0.7
1919	7	7	0	0.05	0.01	0.68	0.2	0	0	0	0	0
1919	7	8	0	0	0.02	0.06	0	0	0	0	0	0
1919	7	9	0	0	0	0	0	0	0	0	0	0
1919	7	10	0.48	0.37	0.13	0	0.19	0.28	0.76	0.16	0.08	0.55
1919	7	11	0	0	0	0.08	0.65	0	0.1	0.15	0	0.01

1919	7	12	0	0	0	0	0	0	0.31	0	0	0
1919	7	13	0.03	0	0	0	0	0	0	0	0	0
1919	7	14	0	0	0	0	0	0	0	0	0	0
1919	7	15	0.01	0.03	0	0	0	0	0.6	0	0.68	0.45
1919	7	16	0.43	0.44	0.71	0.54	0.87	0.41	0	0.63	0	0
1919	7	17	0.01	0	0	0	0	0	0	0	0	0
1919	7	18	0.85	0.24	0	0	0	0	0	0	0	0
1919	7	19	1.82	1.51	0	0	0	0	0	0	0	0
1919	7	20	0.95	0	0	0	0	0	0	0	0	0
1919	7	21	0.09	0	0	0	0	0	0.08	0	0.3	0.35
1919	7	22	0.97	0.64	0.08	0	1.48	0.23	0.01	0.21	0.03	0.57
1919	7	23	0.68	0.97	0.05	0.1	0.1	0.17	0	0.01	0	0
1919	7	24	0	0	0	0	0	0	0.01	0	0	0
1919	7	25	0	0	0	0.09	0	0	0	0	0	0
1919	7	26	1.37	0.16	0.04	0	0	0.14	0	0.11	0.01	0.3
1919	7	27	0.18	0	0	0.01	0.07	0.01	0	0	0.15	0.31
1919	7	28	0.19	0	0	0.02	0.19	0	0	0	0	0
1919	7	29	0	0	0	0	0.01	0	0	0	0.07	0
1919	7	30	0	0	0	0	0	0	0	0	0	0
1919	7	31	0.09	0	0	0	0	0	0	0	0	0
1919	8	1	1.15	0.83	0.04	0.01	0.15	0.06	0.2	0	0	0
1919	8	2	0	0	0	0	0	0	0	0	0	0
1919	8	3	0	0	0	0	0	0	0.04	0	0	0
1919	8	4	0	0	0	0.06	0	0	0.04	0	0	0
1919	8	5	0.01	0	0	0	0	0.03	0	0	0	0
1919	8	6	0.39	0.35	0.04	0	0.4	0.05	0.03	0.07	0.28	0.47
1919	8	7	0	0.08	0.24	0.18	0.49	0	0.1	0	0	0
1919	8	8	0	0	0	0.01	0.27	0	0	0	0	0
1919	8	9	0	0	0	0	0	0	0	0	0	0
1919	8	10	0	0	0	0	0	0	0.2	0	0.07	0
1919	8	11	0	0	0	0	0	0	0	0	0.01	0
1919	8	12	0	0	0	0	0	0	0	0	0	0
1919	8	13	0.37	0.01	0	0	0	0	0	0	0	0
1919	8	14	0.46	1.85	0.59	0.16	0.22	0.43	0	0.46	0.06	0
1919	8	15	0.22	0	0.03	0.25	0.02	0.07	0.01	0.04	0	0
1919	8	16	0	0	0	0.06	0	0	0	0	0	0
1919	8	17	0.39	0	0	0	0	0	0	0.38	0	0
1919	8	18	1.74	0.14	0.37	0	0.29	0.07	0.05	0.36	0	0
1919	8	19	0.02	0	0.03	0.24	0.68	0.21	0.31	0.27	0.21	0.2
1919	8	20	0	0	0	0.01	0.62	0	0	0.13	0	0.1
1919	8	21	0	0	0	0.02	0	0	0.3	0.12	0.16	0
1919	8	22	0	0	0.02	0	0.57	0.03	0.5	0.06	0	0
1919	8	23	0	0	0	0	0	0	0.06	0	0.11	0

1919	8	24	0	0.53	0.1	0.25	0	0.35	0.63	0.42	1.04	1.25
1919	8	25	0.69	0.26	0	0.01	0.38	0	0	0	0.02	0.1
1919	8	26	0	0	0	0	0	0.07	0	0	0.03	0.05
1919	8	27	0.06	0.11	0.09	0.05	0	0.17	0.04	0.31	0.08	0.15
1919	8	28	0	0	0	0.24	0.57	0	0	0	0.32	0.05
1919	8	29	0	0	0.05	0	0	0	0	0	0	0
1919	8	30	0.31	0.88	0.14	0.01	0	0.06	0	0.07	0.48	0.25
1919	8	31	0.01	0.03	0.11	0.36	0	0	0.05	0.06	0.04	0.05
1919	9	1	0.05	0	0	0	0.09	0	0	0	0	0.05
1919	9	2	0.38	0.39	0.46	0.31	0.15	0.21	0	0.23	0	0.15
1919	9	3	0.42	2.94	0.51	0.53	0.55	0.32	0	0.19	0.09	0.1
1919	9	4	0	0	0.01	0.05	0.08	0	0	0	0	0
1919	9	5	0	0	0	0	0	0	0	0	0	0
1919	9	6	0	0	0.01	0.04	0	0	0.45	0	0.09	0.05
1919	9	7	0	0	0	0.03	0	0.01	0.18	0	0.02	0
1919	9	8	0	0.31	0.69	0.45	0	0.45	1.11	0.13	1.63	0.35
1919	9	9	0.01	0.55	0.14	0.36	0.58	0.8	0.19	1.04	0.08	0.9
1919	9	10	0.01	0.01	0.13	0.1	0	0.05	0	0.1	0.08	0.05
1919	9	11	0.78	0.05	0.12	0.1	0.13	0.1	0.02	0.17	0.11	0
1919	9	12	0.08	0.52	1.19	1.46	0.4	0.24	0.08	0.18	0.68	1.4
1919	9	13	0	0	0	1.03	0	0	0	0.21	0	0
1919	9	14	0	0	0	0	0	0	0	0	0.03	0
1919	9	15	0.01	0.1	0	0	0.01	0	0	0	0	0
1919	9	16	0	0.04	0.02	0	0.11	0	0.03	0	0.02	0
1919	9	17	0	0	0	0.01	0.02	0	0	0	0.05	0
1919	9	18	0	0	0	0	0	0	0	0	0	0
1919	9	19	0	0	0	0	0	0	0	0	0	0
1919	9	20	0	0	0.03	0.02	0.01	0.02	0.04	0	0.04	0
1919	9	21	0	0	0	0	0	0	0.6	0	0	0
1919	9	22	0.42	0.14	0.05	0.26	0.02	0.31	0.75	0.22	0.29	0.25
1919	9	23	2.72	0.7	0.27	0.22	0.73	0.25	0	0.21	0	0
1919	9	24	0	0.08	0.04	0	0	0.3	0.18	0.25	0.1	0.4
1919	9	25	0	0	0.01	0.04	0.13	0.01	0.22	0.04	0.06	0
1919	9	26	0	0	0	0.05	0.07	0	0	0	0	0
1919	9	27	0	0	0	0	0	0	0	0	0	0
1919	9	28	0	0	0	0	0	0	0	0	0	0
1919	9	29	0	0	0	0	0	0	0	0	0	0
1919	9	30	0	0	0	0	0	0	0.07	0	0.03	0
1919	10	1	0.25	0	0	0	0	0	0	0	0	0
1919	10	2	0.15	0.1	0.34	0.1	0	0.17	0.37	0.18	1.13	0.45
1919	10	3	0	0	0.5	1.04	0.19	0	0.04	0.05	0.97	0
1919	10	4	0	0	0	0.02	0	0.03	0.02	0.08	0.24	0.1
1919	10	5	0	0	0.06	0.02	0.8	0.02	1.15	0.07	0.15	0

1919	10	6	0.33	0.26	0.09	0.32	0.11	0.05	0.18	0.15	1.02	0.3
1919	10	7	0	0	0	0	0.09	0	0	0	0	0
1919	10	8	0	0	0	0	0	0	0	0	0	0
1919	10	9	0.07	0.1	0.4	0	0	0.17	0.5	0.25	0.22	0
1919	10	10	0	0.08	0.02	0.5	0.14	0.02	0.02	0	0.52	0
1919	10	11	0.39	0.02	0.01	0.08	0	0	0	0	0.07	0
1919	10	12	0.45	0.01	0	0	0	0	0	0	0	0
1919	10	13	0	0	0	0	0	0	0	0	0	0
1919	10	14	0.8	0.35	0.01	0	0	0.15	0	0.06	0	0
1919	10	15	0	0.06	0.02	0.01	0.09	0.01	0	0	0	0
1919	10	16	0.35	0.35	0.54	0.79	0	0.56	0.19	0.6	0.27	0.8
1919	10	17	0	0.02	0.03	0.15	0.2	0	0.05	0	0.1	0.25
1919	10	18	0	0	0	0	0	0	0	0	0	0
1919	10	19	0	0	0.07	0	0	0.04	0.03	0.06	0.07	0.05
1919	10	20	0	0	0	0.02	0	0.03	0	0	0	0
1919	10	21	0	0.08	0.06	0	0	0	0.53	0.2	0.24	0.4
1919	10	22	0.1	0.01	0.09	0.31	0	0.01	0	0.05	0	0
1919	10	23	0.26	0	0	0	0	0	0	0	0	0
1919	10	24	0	0	0	0	0	0	0	0	0	0
1919	10	25	0	0	0	0	0	0	0.1	0	0.01	0
1919	10	26	0.07	0.04	0.18	0.13	0	0.24	0.24	0.29	0.11	0.1
1919	10	27	0.04	0.02	0.05	0.09	0.36	0.05	0	0	0.07	0
1919	10	28	0.03	0.57	0.39	0.36	0.17	0.67	0.27	0.7	0.04	0.1
1919	10	29	0	0	0	0	0.22	0	0	0	0	0
1919	10	30	0.27	0	0.06	0	0.02	0.01	0	0	0.02	0.1
1919	10	31	0.03	0.06	0.57	1.45	0.12	0.48	1.54	0.7	0.77	0.6
1919	11	1	0.51	0.21	0.23	0.07	0.11	0.02	0.15	0.02	0.12	0.25
1919	11	2	0.14	0.78	0.57	0.57	0.41	0.62	0	0.94	0	0
1919	11	3	0	0	0	0	0	0	0	0	0	0
1919	11	4	0.19	0.23	0.05	0.01	0	0.02	0.3	0	0.12	0.1
1919	11	5	0.51	1.12	1.24	0.81	0.84	0.76	0.69	1.48	0.94	1.2
1919	11	6	0	0.22	0.07	0.21	0.04	0	0	0.1	0	0
1919	11	7	0	0	0	0.01	0	0	0	0	0	0
1919	11	8	0	0	0	0	0	0	0	0	0	0
1919	11	9	0	0	0	0	0	0	0	0	0	0
1919	11	10	0	0	0	0	0	0	0	0	0	0
1919	11	11	0.05	0	0	0	0	0.05	0.17	0.07	0.1	0.12
1919	11	12	0.13	0.02	0.04	0.03	0.28	0.17	0.15	0.12	0.07	0.05
1919	11	13	0.62	0.22	0.68	0.44	0.23	0.61	0	0.81	0.11	0.7
1919	11	14	0	0	0	0.05	0.06	0	0	0	0.02	0
1919	11	15	0	0	0	0	0	0	0	0	0	0
1919	11	16	0	0	0	0	0	0	0	0	0	0
1919	11	17	0	0	0	0	0	0	0.01	0	0	0

1919	11	18	0	0	0	0	0	0	0.19	0	0.01	0
1919	11	19	0	0.02	0.12	0.05	0	0	0.14	0.01	0.05	0.1
1919	11	20	0	0	0.13	0.53	0	0	0	0	0	0
1919	11	21	0	0	0	0	0	0	0	0	0	0
1919	11	22	0	0	0	0	0	0	0.41	0	0.06	0.1
1919	11	23	0	0	0.11	0.29	0	0.15	0.06	0.18	0.02	0.2
1919	11	24	0	0	0	0	0.02	0	0.03	0	0	0
1919	11	25	0.13	0.12	0.12	0	0	0.07	0.41	0	0.04	0.05
1919	11	26	0.57	1.32	0.42	0.22	0.08	0.96	0	0.27	0.4	0.03
1919	11	27	0.01	0.58	0.24	0.28	1.31	0.32	0	1.05	0	0.16
1919	11	28	0.01	0	0	0	0	0	0	0	0	0
1919	11	29	0.14	0.08	0.32	0	0	0.2	0.21	0.49	0.03	0
1919	11	30	0.54	0.44	0.37	0.43	0.01	0.03	0.08	0	0.01	0.6
1919	12	1	0	0	0	0	0	0	0	0	0	0
1919	12	2	0	0	0.01	0.02	0	0	0.27	0	0.27	0.15
1919	12	3	0	0	0	0.06	0	0	0	0	0	0
1919	12	4	0	0	0	0	0	0	0	0	0	0
1919	12	5	0	0	0	0	0	0	0.09	0	0	0
1919	12	6	0.45	0.03	0.07	0.03	0	0.1	0.05	0	0.06	0
1919	12	7	0.1	0.16	0.43	0.29	0.21	0.2	0.36	0.58	0.25	0.2
1919	12	8	0.06	0.06	0	0.14	0	0	0	0	0	0
1919	12	9	0.45	0.57	0.58	0.49	0.05	0.49	0.1	0.52	0.26	0.25
1919	12	10	0.64	0.33	0.14	0.22	0.41	0	0	0	0	0
1919	12	11	0	0	0	0	0.01	0	0	0	0	0
1919	12	12	0.21	0.09	0.05	0.04	0	0	0	0	0	0
1919	12	13	0.07	0	0.04	0	0.06	0.08	0.06	0.01	0.04	0
1919	12	14	0.27	0.21	0.44	0.49	0.29	0.06	0.05	0.14	0.07	0.05
1919	12	15	0	0	0.01	0	0.07	0	0	0	0	0.2
1919	12	16	0.01	0	0	0	0	0	0	0	0	0
1919	12	17	0.05	0.02	0	0	0	0	0	0	0	0
1919	12	18	0	0	0	0	0	0	0	0	0	0
1919	12	19	0.11	0	0	0	0	0	0	0	0	0
1919	12	20	0	0	0	0	0.01	0	0.02	0	0.06	0
1919	12	21	0	0	0	0	0	0	0	0	0	0
1919	12	22	0	0	0	0	0.02	0	0	0	0	0
1919	12	23	0	0	0	0	0	0	0	0	0	0
1919	12	24	0.22	0.11	0	0	0	0.05	0.05	0	0.07	0.2
1919	12	25	0.01	0.02	0	0	0.06	0	0	0	0	0
1919	12	26	0	0	0	0	0	0	0.08	0	0	0
1919	12	27	0	0	0	0	0	0	0.15	0	0	0
1919	12	28	0	0	0	0	0	0	0	0	0	0
1919	12	29	0	0	0	0	0	0	0	0	0	0
1919	12	30	0.12	0.03	0.01	0.07	0.03	0.01	0	0	0	0

1919	12	31	0	0	0	0	0.01	0	0	0	0	0
1920	1	1	0.02	0	0.02	0	0	0	0.15	0	0	0.04
1920	1	2	0	0	0	0	0	0	0.01	0	0	0
1920	1	3	0	0	0	0	0	0	0	0	0	0
1920	1	4	0	0	0	0	0	0	0	0	0	0
1920	1	5	0	0	0	0	0	0	0	0	0	0
1920	1	6	0	0	0	0	0	0	0.04	0	0	0
1920	1	7	0	0	0	0	0	0	0.09	0	0	0
1920	1	8	0.24	0	0	0.07	0	0	0	0	0	0
1920	1	9	0.64	0.67	0.18	0	0.05	0.21	0	0.26	0.1	0
1920	1	10	0	0	0	0	0.29	0	0	0.03	0	0.15
1920	1	11	0.03	0	0	0	0	0	0.03	0	0	0
1920	1	12	0	0	0	0	0	0	0	0	0	0
1920	1	13	0	0.06	0.19	0.06	0.03	0.25	0.25	0.17	0.13	0.2
1920	1	14	0	0	0	0	0.05	0	0	0.01	0	0
1920	1	15	0	0	0	0	0	0	0.03	0	0	0
1920	1	16	0.14	0.04	0.04	0	0	0.07	1.19	0	0.02	0
1920	1	17	0.08	0.44	1.81	0.47	0.52	0.33	0	0.27	0.32	0.35
1920	1	18	0	0	0	0	0.02	0	0	0	0	0
1920	1	19	0.21	0.11	0.01	0	0.03	0.02	0	0	0.01	0.03
1920	1	20	0.02	0.1	0.38	0	0.1	0.05	0.52	0	0.03	0.06
1920	1	21	0.03	0.08	0.36	0.48	0.04	0	0	0.56	0.06	0.06
1920	1	22	0.13	0	0	0	0	0	0	0	0	0
1920	1	23	0.19	0.3	0.2	0	0.01	0.15	0.23	0	0.08	0
1920	1	24	0.26	0.74	0.22	0.32	0.48	0.2	0.07	0.12	0.4	0.42
1920	1	25	0.01	0.03	0.08	0	0.09	0.08	0	0	0	0.12
1920	1	26	0	0	0	0	0	0	0	0	0	0
1920	1	27	0.09	0.08	0	0	0	0	0.03	0	0.02	0.04
1920	1	28	0	0.07	0	0	0.02	0.1	0	0.15	0.01	0.01
1920	1	29	0	0	0	0	0	0	0	0	0	0
1920	1	30	0	0	0	0	0	0	0.3	0	0.11	0.03
1920	1	31	0	0	0	0	0	0	0	0	0	0.06
1920	2	1	0	0	0	0	0	0	0	0	0	0
1920	2	2	0	0	0	0	0	0	0	0	0	0
1920	2	3	0	0	0	0	0	0	0	0	0.02	0
1920	2	4	1.7	0	0	0	0	0	0	0	0	0
1920	2	5	1.31	1.77	2.45	0.24	0.12	0.84	0.15	0.33	0.07	0.3
1920	2	6	1.4	0.81	0.92	1.02	1.86	0.24	0.25	1.33	0.46	0.4
1920	2	7	0.02	0.14	0.3	0.46	0.19	0.15	0	0.23	0	0.4
1920	2	8	0	0	0	0	0	0	0	0	0	0
1920	2	9	0	0	0	0	0	0	0.04	0	0.01	0
1920	2	10	0.2	0.11	0.39	0.05	0.03	0.13	0.69	0.19	0.04	0.3
1920	2	11	0	0	0	0.14	0.03	0	0	0	0	0

1920	2	12	0	0	0.01	0	0	0.03	0	0	0	0
1920	2	13	0.27	0.39	0.63	0.37	0	0.37	0.05	0.28	0.2	0.1
1920	2	14	0.08	0	0	0.21	0.1	0	0.15	0.05	0	0.2
1920	2	15	0.52	1.01	0.89	0.49	0.58	0.63	0.74	0.64	0.66	1.4
1920	2	16	0	0	0	0	0.1	0	0.07	0	0.03	0
1920	2	17	0	0	0	0	0	0	0.47	0	0	0
1920	2	18	0	0	0	0	0	0	0.1	0	0.22	0
1920	2	19	0.12	0.69	1.51	0.81	0.07	0.3	0	0.52	0.01	0.5
1920	2	20	0	0	0	0.06	0.05	0	0	0	0	0
1920	2	21	0.4	0.02	0	0	0	0	0	0	0	0
1920	2	22	0.2	0.21	0.29	0.22	0.06	0.1	0	0.13	0	0
1920	2	23	0.09	0.02	0.19	0.38	0	0.05	0.08	0	0.01	0
1920	2	24	0.04	0.31	0.38	0.43	0.15	0.24	0.11	0.24	0	0
1920	2	25	0.06	0.37	0.76	0.54	0	0.14	0	0.13	0.01	0
1920	2	26	0	0	0	0	0	0	0	0	0	0
1920	2	27	0	0	0	0	0	0	0	0	0	0
1920	2	28	0	0.03	0.01	0	0	0	0.03	0	0	0
1920	2	29	0	0	0.24	0.2	0.02	0.01	0	0.01	0	0
1920	3	1	0	0	0	0	0	0	0	0	0.01	0
1920	3	2	0	0	0	0	0	0	0	0	0	0
1920	3	3	0	0	0	0	0	0	0	0	0	0
1920	3	4	0	0	0	0	0	0	0	0	0	0
1920	3	5	1.81	0.04	0.08	0	0.01	0.08	0.67	0	0.88	0.2
1920	3	6	0.34	1.15	2.78	1	1.08	0.37	0.85	2.22	1.17	1.75
1920	3	7	0	0	0	0.05	0.1	0	0	0	0	0
1920	3	8	0	0	0	0	0	0	0	0	0	0
1920	3	9	0	0	0	0	0	0	0.02	0	0	0
1920	3	10	0	0	0.1	0	0	0	0.25	0	0	0
1920	3	11	0	0	0	0	0	0.02	0.04	0	0	0
1920	3	12	0.17	0.05	0.08	0.02	0.09	0.03	0.86	0.05	0	0
1920	3	13	1.06	1.09	0.79	0.7	0.15	1.16	0.81	0.6	0.47	0.16
1920	3	14	0	0	0	0.22	0.53	0	0	0.26	0.06	0
1920	3	15	0	0	0	0	0	0	0	0	0	0
1920	3	16	0.23	0.07	0	0	0	0	0.32	0	0	0
1920	3	17	0	0	0	0	0.05	0	0.02	0	0	0
1920	3	18	0	0	0	0	0	0	0	0	0	0
1920	3	19	0.5	0.23	0	0	0	0.1	0.05	0	0.1	0.1
1920	3	20	0.14	0.77	0.82	0.51	0.56	0.42	0.29	0.46	0.32	0.4
1920	3	21	0	0	0	0.06	0.11	0	0	0	0	0
1920	3	22	0	0	0	0	0	0	0	0	0	0
1920	3	23	0	0	0	0	0	0	0	0	0	0
1920	3	24	0	0	0	0	0	0	0	0	0	0
1920	3	25	0	0.03	0	0	0	0	0	0	0	0

1920	3	26	0.03	0	0.07	0.03	0	0.1	0	0	0	0
1920	3	27	0.01	0.03	0.38	0.77	0.01	0.06	0.03	0.04	0.3	0.2
1920	3	28	0	0	0	0	0	0	0	0	0	0
1920	3	29	0.46	0.26	0.43	0.2	0	0.06	0.12	0.04	0.05	0.05
1920	3	30	0	0	0	0.14	0.01	0.03	0	0	0.01	0
1920	3	31	0	0	0	0	0.02	0	0	0	0.01	0
1920	4	1	0.08	0	0	0	0	0	0	0	0.01	0
1920	4	2	0.52	0.74	0.68	0.14	0	0.63	0.52	0.63	0.24	0.3
1920	4	3	0	0	0.01	0.3	0.13	0	0	0.11	0	0
1920	4	4	0.18	0.15	0.13	0	0	0.28	0	0	0.03	0.25
1920	4	5	0.08	0.66	1.35	1.4	0.21	0.67	1.56	0.76	1.12	1
1920	4	6	0	0	0	0.55	1.1	0	0	0.29	0.01	0
1920	4	7	0	0.17	0.02	0	0.01	0.23	0	0.02	0.08	0.08
1920	4	8	0	0	0.03	0	0	0	0	0	0.02	0.05
1920	4	9	0	0	0	0	0	0	0	0	0	0
1920	4	10	0	0	0	0	0	0	0	0	0	0
1920	4	11	0	0	0	0	0	0	0	0	0	0
1920	4	12	0	0	0.2	0	0	0.07	0.39	0	0.03	0
1920	4	13	1.26	0.36	0.89	1.14	0.18	0.81	1.2	0.76	1.31	1.5
1920	4	14	0	0	0	0.75	0.59	0	0	0	0	0
1920	4	15	0	0	0	0	0	0	0.2	0	0.04	0
1920	4	16	0.49	0	0.05	0.07	0	0	0.09	0	0.23	0.3
1920	4	17	0.18	0	0	0	0	0	0	0	0	0
1920	4	18	0	0	0	0	0	0	0	0	0	0
1920	4	19	0	0	0	0	0	0	0	0	0	0
1920	4	20	0.07	0	0	0	0	0	0	0	0	0
1920	4	21	1.26	1.18	0.8	0.01	0.27	0.72	0.01	0.23	0.66	0
1920	4	22	0	0.04	0.14	0.76	0.63	0.1	0	0.52	0.21	0.65
1920	4	23	0.39	0.87	0.86	0.63	0.05	0.68	0.42	0.5	0.44	0.31
1920	4	24	0	0.22	0.1	0.36	0.17	0.11	0.22	0.15	0.15	0.1
1920	4	25	0	0	0	0.13	0	0	0	0	0	0
1920	4	26	0.02	0	0	0	0	0	0	0	0	0
1920	4	27	0.13	0.1	0	0	0	0.15	0.02	0	0.2	0.15
1920	4	28	0.48	1.19	1.78	1.57	0.28	1.46	0.42	1.96	1.05	0.9
1920	4	29	0	0	0	0.06	0.28	0	0.02	0	0	0
1920	4	30	0.14	0	0	0	0	0	0	0	0	0
1920	5	1	0.14	0.05	0	0	0	0	0.05	0	0.05	0
1920	5	2	0	0.15	0.34	0.01	0.01	0	0.03	0	0.02	0
1920	5	3	0	0.12	0.08	0	0.09	0.22	0.17	0.02	0.09	0
1920	5	4	0.03	0.26	0.05	0.12	0.03	0	0	0.11	0.09	0.15
1920	5	5	0	0	0	0	0.02	0	0	0	0	0
1920	5	6	0	0	0	0	0	0	0	0	0	0
1920	5	7	0	0	0	0	0	0	0	0	0	0

1920	5	8	0.81	0.59	0.35	0	0	0.52	0	0.17	0.19	0.05
1920	5	9	0	0.13	0.41	1.2	0.16	0.04	0.06	0.38	0.06	0
1920	5	10	0.02	0.05	0	0.03	0	0	0.05	0	0	0
1920	5	11	0.2	0	0	0	0.06	0	0	0	0	0
1920	5	12	0	0	0	0	0.02	0	0	0	0	0
1920	5	13	0.37	0.18	0	0	0	0	0	0	0	0
1920	5	14	0.61	0.13	0	0	0	0.15	0	0	0	0.05
1920	5	15	0	0.05	0.06	0	0.05	0	0	0.03	0	0
1920	5	16	0	0	0	0	0	0	0	0	0	0
1920	5	17	0	0	0	0	0	0	0	0	0	0
1920	5	18	0	0	0	0	0	0	0	0	0	0
1920	5	19	0	0	0	0	0	0	0	0	0	0
1920	5	20	0	0	0	0	0	0	0	0	0.62	0.1
1920	5	21	1.01	0.27	0.15	0	0.04	0.45	0.3	0.88	0.35	0.6
1920	5	22	0	3.23	1.79	0.7	0.17	1.12	0	0.97	0.01	0
1920	5	23	0.02	0.05	0	0.01	0	0	0	0.02	0	0
1920	5	24	0	0	0	0	0	0	0.06	0	0.26	0
1920	5	25	0.01	0	0	0	0.08	0	0	0	0	0.15
1920	5	26	0.01	0	0	0	0	0	0	0	0	0
1920	5	27	0	0	0	0	0	0	0	0	0	0
1920	5	28	0	0	0	0	0	0	0	0	0	0
1920	5	29	0	0	0	0	0	0	0	0	0	0
1920	5	30	0	0	0	0	0	0	0	0	0	0
1920	5	31	0	0	0	0	0	0	0	0	0	0
1920	6	1	0	0	0	0	0	0	0.02	0	0.08	0
1920	6	2	0	0	0	0.08	0	0	0	0	0.06	0
1920	6	3	0	0	0	0	0.01	0	0	0	0	0
1920	6	4	0.03	0	0	0	0	0	0	0	0	0
1920	6	5	1.76	2.46	1.17	0.52	0.25	0.78	0	0.67	0	0.25
1920	6	6	0	0.13	0.13	0.92	0.64	0.06	0.71	0.28	0.26	0.05
1920	6	7	0	0	0.02	0.15	0	0	0.1	0	0.09	0.1
1920	6	8	0.14	0	0	0	0	0	0	0	0	0
1920	6	9	0	0	0	0	0	0	0	0	0	0
1920	6	10	0	0	0	0	0	0	0	0	0	0
1920	6	11	0.07	0.01	0	0	0	0.31	0.02	0	0	0.05
1920	6	12	0.04	0	0	0	0	0	0	0	0	0
1920	6	13	0.53	0.01	0	0	0.24	0.01	0	0	0	0
1920	6	14	0	0	0	0	0	0	0	0	0	0
1920	6	15	0	0.63	0.01	0.02	0	0.03	0.1	0.09	1.73	0.25
1920	6	16	0	0	0.01	0	0	0.26	0	0.18	0.08	0.25
1920	6	17	0.46	1.36	0.18	0	0.91	0.38	0	0.17	0	0.05
1920	6	18	0.05	0.73	0.34	0.24	1.41	0.35	0.16	0.51	0.28	0.3
1920	6	19	0	0	0	0.11	0.13	0	0.02	0	0.05	0

1920	6	20	0	0	0	0	0	0	0	0	0	0.3
1920	6	21	0.43	0.38	0.63	0.12	0.17	0.46	0.1	0.38	0.15	0
1920	6	22	0	0.07	0.1	0.01	0.07	0.14	0.09	0.02	0	0
1920	6	23	0	0	0	0.26	0	0	0	0	0	0
1920	6	24	0.57	0	0	0	0	0	0	0	0.29	0.1
1920	6	25	0	0	0	0.16	0	0	0	0	0	0
1920	6	26	0	0	0	0	0	0	0	0	0	0
1920	6	27	0	0	0	0	0	0	0	0	0	0
1920	6	28	0	0	0.06	0	0	0.01	0.15	0.06	0.39	0.05
1920	6	29	0.92	0	0.08	0.01	0	0.88	0.15	0.52	0.3	0.2
1920	6	30	0.02	0	0	0.14	1.01	0.01	0.06	0	0.25	0.1
1920	7	1	0	0	0	0.53	0.37	0	0	0	0	0.05
1920	7	2	0.26	0	0.01	0	0	0	0.01	0	0.26	0.9
1920	7	3	1.99	0.76	0.34	0.17	0.47	0.19	0.13	0.17	0.73	0.4
1920	7	4	0	0	0.2	1.22	0.11	0	0.06	0.05	0.11	0.01
1920	7	5	0	0	0	1.32	0.01	0	0.02	0	0.24	0.05
1920	7	6	0	0	0	0	0	0	0	0	0	0
1920	7	7	0.06	0	0	0	0	0	0.44	0	0.2	0.4
1920	7	8	0	0	0	0	0.22	0	0	0.02	0.04	0.1
1920	7	9	0.01	0	0.11	0	0	0.27	0	0.09	0.02	0.05
1920	7	10	0	0	0	0	0	0	0	0.02	0	0
1920	7	11	0	0	0	0	0	0	0	0	0	0
1920	7	12	0.91	0	0.51	0.13	0.5	0.15	0.02	0.37	0.86	0.6
1920	7	13	0	0	0	0.01	0.05	0	0	0.04	0	0
1920	7	14	0.15	0	0	0	0	0	0.03	0	0.13	0.03
1920	7	15	0.12	0.15	0.17	0.29	0.66	0.02	0.11	0	0	0.4
1920	7	16	0	0	0	0	0	0	0	0	0	0
1920	7	17	0	0	0	0	0	0	0.1	0	0	0
1920	7	18	0.19	0.04	0	0.04	0	0	0.96	0	0.13	0
1920	7	19	0.22	0.28	0.95	1.09	0.7	1.52	0.26	2.27	1.28	0.75
1920	7	20	0	0	0	0.05	0	0	0	0.02	0	0
1920	7	21	0	0	0	0	0	0	0.05	0	0.06	0.1
1920	7	22	0.12	0	0	0	0.01	0	0	0	0	0
1920	7	23	0.42	0	0.7	0.75	0.34	0.44	0	0.48	0.01	0
1920	7	24	1.5	0.32	0.01	0.02	0.35	0.01	0	0.13	0.04	0.05
1920	7	25	0	0	0	0	0.18	0	0	0	0	0
1920	7	26	0	0	0	0	0	0	0	0	0	0
1920	7	27	0	0	0	0	0	0	0	0	0	0
1920	7	28	0	0	0	0	0.36	0	0	0	0	0
1920	7	29	0	0	0	0	0	0	0.11	0	0.15	0
1920	7	30	0	0	0	0.1	0	0.03	0.31	0.08	0.45	0.7
1920	7	31	0.25	0.01	0.67	0.01	0.24	0.61	0.43	0.11	0.14	0.15
1920	8	1	0.09	0.01	0.01	0.14	0.68	0.02	0	0.5	0	0

1920	8	2	0.09	0.45	0	0	0	0	0	0	0	0
1920	8	3	0	0.02	0.04	0.04	0	0	0	0	0	0
1920	8	4	0	0	0	0	0	0	0	0	0	0
1920	8	5	0	0	0	0	0	0	0	0	0	0
1920	8	6	0.53	0	0	0	0	0	0	0	0	0
1920	8	7	0.07	1	0	0	0	0.01	0	0	0	0
1920	8	8	0	0.21	0	0	0	0	0	0	0	0
1920	8	9	0	0	0	0	0	0	0.18	0	0	0
1920	8	10	0.69	0	0.02	0	0.08	0.62	0.62	0.55	0.24	0
1920	8	11	1.09	0.12	0.24	0.25	0.9	0.49	0	0.99	0	1.1
1920	8	12	0	0	0	0	0.11	0	0	0.05	0	0
1920	8	13	0.04	0	0.07	0.03	0	0.37	0	0.03	0.02	0.6
1920	8	14	0.2	0.02	2.32	0.33	0.31	0.26	0	1.78	0.01	0.8
1920	8	15	0.35	0	0.03	0	0.8	0	0	0.15	0.09	0.1
1920	8	16	0.2	0.05	0.01	0	0	0	0	0.64	0	0
1920	8	17	0.18	0	0.4	0	0.13	0.32	0	0	0	0
1920	8	18	0	0.1	0.01	0	0.01	0.64	0	0	0	0.1
1920	8	19	0	0	0	0	0	0	0	0	0	0
1920	8	20	0	0	0	0	0	0	0	0	0	0
1920	8	21	0.12	0	0	0	0	0	0	0	0	0
1920	8	22	0	0.18	0.39	0.72	0.01	1.05	1.35	0.04	1.26	0.35
1920	8	23	0	0	0	0.86	0.08	0	0	0.35	0	0
1920	8	24	0	0	0	0	0	0	0	0	0	0
1920	8	25	0	0	0	0	0	0	0	0	0	0
1920	8	26	0	0	0	0	0	0	0	0	0	0
1920	8	27	0	0	0	0	0	0	0	0	0	0
1920	8	28	0.01	0	0	0	0	0	0	0	0	0.1
1920	8	29	0	0	0	0	0.21	0	0.08	0	0.04	0
1920	8	30	0	0	0.02	0	0	0.07	0.07	0.18	0.23	0
1920	8	31	0.25	0.16	0	0.03	0	0.92	1.49	0.24	0.48	0.45
1920	9	1	0	0.06	0.25	0.57	0.04	0	0.19	0	0.24	0.05
1920	9	2	0	0	0	0	0	0	0	0	0	0
1920	9	3	0	0	0	0	0	0	0	0	0	0
1920	9	4	0	0	0	0	0	0	0	0	0	0
1920	9	5	0	0	0	0	0	0	0	0	0	0
1920	9	6	0.02	0	0.01	0	0	0	0	0	0	0
1920	9	7	0.08	0.18	1.29	1.52	0.76	0.38	0.33	0.29	0.71	0.8
1920	9	8	0	0	0.01	0.14	0.01	0	0	0.73	0.06	0
1920	9	9	0	0	0	0	0	0	0	0	0	0
1920	9	10	0.98	0.94	0.39	0.13	0.22	1.04	0.06	1.32	0.13	0.25
1920	9	11	0	0	0.01	0.19	0.42	0	0	0.12	0	0
1920	9	12	0.75	0.1	0.12	0.08	0.41	0.34	0.6	0	1.08	0.25
1920	9	13	0	0.05	2.82	0.53	0.5	1.88	0.13	2.22	0.76	0.4

1920	9	14	0	0	0.09	0.61	0.17	0	0	0.05	0	0
1920	9	15	0	0.05	0.02	0	0	0	0	0	0	0
1920	9	16	0	0.01	0.11	0	0	0.12	0.45	0.12	0.17	0.15
1920	9	17	0	0	0	0.1	0.05	0	0.07	0	0	0
1920	9	18	0	0	0.27	0	0	0.02	0.01	0	0.51	0
1920	9	19	0	0.01	0	0.44	0.08	0.02	0	0.06	0	0.25
1920	9	20	0.01	0	0	0	0	0	0	0	0	0
1920	9	21	0.06	0	0	0	0	0	0	0	0	0
1920	9	22	0	0	0	0	0	0	0	0	0	0
1920	9	23	0	0	0	0	0	0	0	0	0	0
1920	9	24	0	0	0	0	0	0	0	0	0	0
1920	9	25	0	0	0	0	0	0	0	0	0	0
1920	9	26	0	0	0	0	0	0	0	0	0	0
1920	9	27	0.02	0	0	0	0	0.05	0.04	0	0	0
1920	9	28	0.5	0	0.59	0.03	0.01	0.34	1.46	0.31	0.52	0.8
1920	9	29	0.13	0	0.04	0.98	0.1	0	0.02	0.01	0.02	0
1920	9	30	2.21	0.5	2.14	2.43	0.3	3.72	0.93	2.95	1.74	2
1920	10	1	0	0.7	0.35	1.59	2.52	0.39	0.61	0.49	1.04	1.05
1920	10	2	0	0	0	0	0	0	0	0	0	0
1920	10	3	0	0	0	0	0	0	0.1	0	0	0
1920	10	4	0.14	0	0	0	0	0	0.04	0	0.01	0.05
1920	10	5	0	0	0	0	0.09	0	0.05	0	0.06	0.1
1920	10	6	0	0	0	0	0.01	0	0	0	0	0
1920	10	7	0	0	0	0	0	0	0	0	0	0
1920	10	8	0	0	0	0.12	0	0	0	0	0	0
1920	10	9	0	0	0	0	0	0	0	0	0	0
1920	10	10	0	0	0	0	0	0	0	0	0	0
1920	10	11	0	0	0	0	0	0	0	0	0	0
1920	10	12	0.06	0	0	0	0	0.01	0	0	0	0
1920	10	13	0	0	0	0	0	0	0	0	0	0
1920	10	14	0	0	0	0.08	0	0	0.17	0	0.18	0.04
1920	10	15	0	0	0.03	0.1	0	0	0	0	0	0
1920	10	16	0.54	0	0.01	0	0	0	0	0	0	0
1920	10	17	0	0	0	0	0.1	0	0	0	0	0
1920	10	18	0	0	0	0	0	0	0	0	0	0
1920	10	19	0	0	0	0	0	0	0	0	0	0
1920	10	20	0	0	0	0	0	0	0.4	0	0.04	0
1920	10	21	0	0	0.03	0.05	0	0	0	0	0	0
1920	10	22	0	0	0	0	0	0	0	0	0	0
1920	10	23	0	0	0	0	0	0	0	0	0	0
1920	10	24	0	0	0	0	0	0	0.02	0	0	0
1920	10	25	0	0	0	0	0	0	0.26	0	0	0
1920	10	26	0	0	0	0	0.15	0.04	0.55	0.09	0.04	0.1

1920	10	27	0.02	0	0.01	0.03	0.01	0.18	0.85	0.08	0.1	1.2
1920	10	28	0.45	0.89	0.46	0.53	0.54	0.36	0	0.61	0.23	0
1920	10	29	0.04	0.05	0.23	0.18	0.01	0	0	0.06	0.04	0.04
1920	10	30	0	0	0	0	0.31	0	0.02	0	0	0
1920	10	31	0	0	0	0	0	0	0	0	0.02	0
1920	11	1	0	0	0.23	0.43	0	0	0.31	0.08	0.45	0.36
1920	11	2	0.77	0.09	0.18	0	0	0.27	0.65	0.12	0.21	0.1
1920	11	3	0	0.73	0.08	0.64	0.98	0.71	0.02	0.98	0.12	0.6
1920	11	4	0	0	0	0	0	0	0.09	0	0.01	0
1920	11	5	0	0	0	0.02	0	0	0	0.01	0	0
1920	11	6	0	0	0	0	0	0	0	0	0	0
1920	11	7	0.13	0.02	0.06	0	0	0.03	0	0	0.07	0.1
1920	11	8	0.02	0	0	0.04	0.04	0	0	0	0	0
1920	11	9	0	0	0.21	0.16	0	0.08	0.49	0.21	0.15	0.2
1920	11	10	0	0	0	0	0.12	0	0	0	0	0
1920	11	11	0	0	0	0	0	0	0.11	0	0	0
1920	11	12	0	0	0	0	0	0	0.12	0	0	0
1920	11	13	0	0	0	0	0	0	0.07	0	0	0
1920	11	14	0	0	0	0	0	0	0	0	0	0
1920	11	15	0.01	0	0	0	0	0	0	0	0	0
1920	11	16	1.25	0.49	0.3	0	0	0.06	0	0	0.01	0.2
1920	11	17	0.68	1.48	1.21	0.78	0.74	0.39	0.26	1.14	0.67	0.4
1920	11	18	0	0	0	0.02	0.32	0	0	0.03	0	0
1920	11	19	0	0	0	0	0	0	0.01	0	0	0
1920	11	20	0	0	0	0	0	0	0.01	0	0	0.2
1920	11	21	0	0.11	0.52	0	0.08	0.25	0	0.21	0.45	0.18
1920	11	22	0.29	0.49	0.77	0.2	0.05	0.17	0.02	0.38	0.22	0.4
1920	11	23	0.95	1.89	1.68	0.9	0.89	0.39	0.25	0.44	0.47	0.38
1920	11	24	0	0	0.11	0.13	0.96	0.01	0.1	0	0.03	0
1920	11	25	0	0.12	0.5	0.04	0.16	0.26	0.03	0.07	0	0
1920	11	26	0	0	0	0.01	0.04	0	0.01	0	0	0
1920	11	27	0.03	0	0.01	0	0	0	0.06	0	0	0
1920	11	28	0.01	0.04	0.01	0	0.06	0	0	0	0.02	0
1920	11	29	0	0	0	0	0	0	0	0	0	0
1920	11	30	0	0	0	0	0	0	0	0	0	0
1920	12	1	1.72	0.58	0.58	0.25	0.07	0.78	1	0.68	0.47	0.3
1920	12	2	0.02	0	0	0.5	0.69	0	0.05	0.1	0.71	0.2
1920	12	3	0	0.11	0	0	0	0	0	0	0	0
1920	12	4	0	0.08	0.3	0.02	0.01	0	0.25	0	0	0.1
1920	12	5	1.12	0.62	0.8	1	0.17	1.82	0.94	2.16	1.32	1.2
1920	12	6	0	0	0	0.02	0.55	0	0.26	0.04	0.24	0.6
1920	12	7	0	0	0	0	0	0	0.05	0	0	0
1920	12	8	0	0	0	0	0	0	0	0	0	0

1920	12	9	0.01	0.04	0	0	0	0	0	0	0	0
1920	12	10	0.14	0.2	1.49	0.35	0	0.31	0.25	0.08	0.16	0.02
1920	12	11	0	0.02	0.22	0.77	0.17	0	0.01	0.1	0.31	0.22
1920	12	12	0	0	0	0	0	0	0	0	0	0
1920	12	13	0	0	0.05	0	0	0	0	0	0	0
1920	12	14	1.21	1.01	1.45	0.9	0.14	2	1.79	1.86	1.06	0.75
1920	12	15	0.01	0.01	0	0.67	1.48	0	0.13	0.53	0.06	0.45
1920	12	16	0.01	0	0	0	0	0	0.16	0	0.01	0
1920	12	17	0	0	0	0	0	0	0.05	0	0.06	0.06
1920	12	18	0	0	0	0	0	0	0.01	0	0.05	0.02
1920	12	19	0	0	0	0	0	0	0	0	0	0
1920	12	20	0	0	0	0	0	0	0	0	0	0
1920	12	21	0	0	0	0	0	0	0	0	0	0
1920	12	22	0.83	0	0.09	0	0	0	0.24	0	0.21	0.02
1920	12	23	0.25	0.38	0.36	0.24	0.3	0.2	0.68	0.3	0.16	0.3
1920	12	24	0	0	0	0	0	0	0	0	0	0
1920	12	25	0	0	0	0	0	0	0	0	0	0
1920	12	26	0.15	0	0	0	0	0	0	0	0	0
1920	12	27	0.69	0.84	0.86	0.61	0.4	0.69	0.44	0.58	0.31	0.26
1920	12	28	0	0	0	0.08	0.14	0	0	0	0.01	0
1920	12	29	0	0	0	0	0	0	0.09	0	0	0
1920	12	30	0	0	0	0	0	0	0.14	0.04	0.08	0
1920	12	31	0	0	0.12	0.07	0	0	0	0	0.07	0.04
1921	1	1	0	0	0.02	0	0	0	0.01	0	0	0
1921	1	2	0.02	0.05	0.02	0.11	0.05	0	0.42	0.14	0.08	0.1
1921	1	3	0	0	0	0	0	0	0	0	0	0
1921	1	4	0	0	0	0	0	0	0	0	0	0
1921	1	5	0.07	0.33	0.07	0	0	0.5	0.11	0	0.03	0.03
1921	1	6	0	0.08	0	0	0.24	0.01	0	0.28	0.04	0
1921	1	7	0.24	0.08	0.05	0	0.01	0.04	0.2	0	0.07	0
1921	1	8	0.04	0.19	0.39	0.35	0.05	0.16	0	0.24	0.04	0.09
1921	1	9	0	0	0	0	0.02	0	0	0	0	0
1921	1	10	0	0	0	0	0	0	0	0	0	0
1921	1	11	0	0	0	0	0	0	0.04	0	0.04	0
1921	1	12	0.01	0.01	0.02	0	0	0.01	0.04	0	0	0
1921	1	13	0	0	0	0	0	0	0	0	0	0
1921	1	14	1.75	1.04	0.93	0.3	0	0.41	0.09	0.25	0.22	0.18
1921	1	15	0	0.02	0.02	0.8	0.03	0.08	0	0.36	0	0
1921	1	16	0	0	0	0	0	0	0.15	0	0.02	0
1921	1	17	0	0	0	0.21	0.01	0	0.35	0.05	0	0.02
1921	1	18	0	0	0	0	0	0	0	0	0	0
1921	1	19	0	0	0	0	0	0	0	0	0	0
1921	1	20	0	0	0	0	0.01	0	0.2	0.04	0.03	0

1921	1	21	0	0.02	0.01	0	0	0.01	0.1	0	0.06	0.05
1921	1	22	0.03	0	0	0	0	0	0	0.02	0	0
1921	1	23	0.01	0.01	0.04	0.07	0.01	0.03	0.03	0.04	0.02	0
1921	1	24	0	0	0	0	0	0	0	0	0	0
1921	1	25	0	0	0	0	0	0	0	0	0	0
1921	1	26	0	0	0	0	0	0	0	0	0	0
1921	1	27	0	0	0	0	0	0	0	0	0	0
1921	1	28	0	0	0	0	0	0	0	0	0	0
1921	1	29	0	0	0	0	0	0	0	0	0	0
1921	1	30	0.39	0.27	0.26	0.04	0.03	0.28	0	0.15	0	0.05
1921	1	31	0.38	0.14	0	0	0.2	0.05	0	0.01	0	0
1921	2	1	0	0	0	0	0	0	0	0	0	0
1921	2	2	0.02	0	0	0	0	0	0.03	0	0.02	0
1921	2	3	0	0	0.02	0.02	0	0	0.19	0	0.02	0
1921	2	4	0	0	0	0	0	0	0	0	0	0
1921	2	5	0.14	0.03	0.01	0	0	0.14	0.13	0	0.47	0.26
1921	2	6	0.28	0.12	0.38	0.52	0.14	0.07	0.05	0.35	0.12	0.22
1921	2	7	0	0.06	0.01	0	0	0.06	0	0	0.06	0
1921	2	8	0	0.01	0	0	0.14	0	0	0	0	0
1921	2	9	0.25	0	0.05	0.06	0	0.06	0.05	0.05	0.03	0
1921	2	10	0.1	0	0	0.03	0.04	0.08	0	0	0	0.04
1921	2	11	0.33	0.63	1.2	0.51	0.6	0.91	0.04	0.56	0.53	0.24
1921	2	12	0	0.02	0.1	0.07	0.3	0	0.01	0.38	0.01	0
1921	2	13	0	0	0	0	0	0	0	0	0	0
1921	2	14	0	0	0.6	0.47	0	0.15	0.15	0.19	0.24	0.2
1921	2	15	0	0	0	0.08	0	0	0	0	0	0
1921	2	16	0	0	0	0	0	0	0.12	0	0	0
1921	2	17	0	0	0	0	0	0	0	0	0.01	0
1921	2	18	0	0	0	0	0	0	0	0	0	0
1921	2	19	0	0	0	0	0	0	0	0	0.02	0
1921	2	20	2.68	1.33	0.98	0.54	0.11	0.82	0	0.42	0	0.04
1921	2	21	0	0	0	0.06	0.43	0	0	0.1	0	0
1921	2	22	0.04	0	0	0	0	0	0	0	0	0
1921	2	23	0.01	0	0.04	0.08	0	0.06	0.09	0.03	0.01	0.04
1921	2	24	0	0	0	0	0	0	0	0	0	0
1921	2	25	0	0	0	0	0	0	0	0	0	0
1921	2	26	0	0	0	0	0	0	0.05	0	0.07	0
1921	2	27	1.17	0.01	0.03	0.03	0	0.06	0.01	0.05	0.1	0.04
1921	2	28	0.39	0.43	0.82	1.03	0.51	0.07	0.28	0.22	0.38	0.15
1921	3	1	0	0	0	0.02	0.01	0	0.04	0	0.11	0
1921	3	2	0	0	0	0	0	0	0.21	0	0	0
1921	3	3	0.2	0.13	0.07	0.13	0.04	0.03	0	0.01	0	0
1921	3	4	0	0	0	0	0.01	0	0	0	0	0

1921	3	5	0.01	0.02	0	0	0	0.01	0	0	0	0.05
1921	3	6	0	0.04	0.11	0.19	0.02	0.04	0.28	0.08	0.05	0.1
1921	3	7	0	0.03	0.43	0.44	0.18	0.31	0	0.4	0.09	0.06
1921	3	8	0	0.02	0.14	0.15	0	0	0.07	0.08	0.12	0.06
1921	3	9	0.8	0.31	0.28	0.17	0	0.38	0.16	0.31	0.46	0.5
1921	3	10	0	0	0	0.28	0.37	0	0	0.34	0	0
1921	3	11	0	0	0	0	0	0	0	0	0	0
1921	3	12	0.53	0.06	0	0	0	0	0.1	0	0.03	0.08
1921	3	13	0.01	0.46	0.04	0.04	0.32	0.13	0	0.08	0.06	0.01
1921	3	14	0	0	0	0	0	0	0	0	0.1	0
1921	3	15	0	0.05	0.23	0.35	0.03	0.31	0.15	0.36	0.17	0.26
1921	3	16	0.04	0.02	0.02	0.16	0.14	0.09	0.2	0.09	0.16	0
1921	3	17	0	0	0	0	0	0	0.35	0	0.02	0
1921	3	18	0	0	0	0.01	0.01	0	0	0	0	0
1921	3	19	0.02	0	0.06	0	0	0.03	0	0	0	0.1
1921	3	20	0.02	0.04	0.04	0.19	0.29	0.18	0.28	0.15	0.18	0.15
1921	3	21	0.02	0	0	0.01	0	0	0.44	0	0.01	0.02
1921	3	22	0	0	0	0	0	0	0	0	0	0
1921	3	23	0	0	0	0	0	0	0	0	0	0
1921	3	24	0.3	0	0.06	0	0	0.19	0.18	0.01	0.04	0
1921	3	25	0.38	0.47	0.41	0.96	0.17	0.19	0.13	0.48	0.24	0
1921	3	26	0	0.09	0	0.07	0.14	0.13	0.1	0.1	0	0
1921	3	27	0	0	0.06	0.01	0.12	0.01	0.06	0.03	0	0
1921	3	28	0.13	0.12	0.29	0.04	0	0.09	0.69	0.02	0.64	0
1921	3	29	0	0	0	0.27	0.22	0	0	0	0.01	0.65
1921	3	30	0	0	0	0	0	0	0	0	0	0
1921	3	31	0.42	0.06	0.37	0.01	0	0.46	0.32	0.2	0.15	0
1921	4	1	0.51	0.36	0.26	0.77	0.91	0.43	0	1.52	0	0
1921	4	2	0	0	0	0	0	0	0.13	0	0	0
1921	4	3	0	0	0	0	0	0	0	0	0	0
1921	4	4	0	0	0	0	0	0	0	0	0	0
1921	4	5	0	0	0	0	0	0	0.01	0	0	0
1921	4	6	0	0	0	0	0	0	0	0	0	0
1921	4	7	0	0.01	0	0	0	0	0	0	0	0
1921	4	8	0.06	0.02	0.03	0.01	0	0.05	0	0	0	0
1921	4	9	0.16	0.69	0.25	0.35	0.01	0.21	0.03	0.33	0.03	0
1921	4	10	0	0	0	0.01	0.11	0	0	0	0	0
1921	4	11	0.01	0.01	0	0	0	0	0	0.01	0	0
1921	4	12	0	0	0	0	0	0	0	0	0	0
1921	4	13	0	0	0	0	0	0	0	0	0	0
1921	4	14	0	0	0	0	0	0	0.01	0	0	0
1921	4	15	0.48	0.24	0.3	0.27	0.05	0.53	0.33	0.28	0.11	0.15
1921	4	16	0	0	0	0.05	0.2	0	0.29	0.02	0.46	0.05

1921	4	17	0.26	0.32	0.38	0.3	0.42	0.53	0	0.35	0.62	0.8
1921	4	18	0.3	0.55	0.1	0.03	0.33	0.34	0	0.05	0	0.05
1921	4	19	0.08	0.01	0.01	0.02	0.26	0.01	0	0.07	0	0
1921	4	20	0	0	0	0	0	0	0	0	0	0
1921	4	21	0	0	0	0	0.03	0.02	0.12	0.01	0.83	0.18
1921	4	22	0	0.02	0.03	0.06	0.09	0.04	0.18	0.1	0.07	0.2
1921	4	23	0.63	0.69	1.53	0.19	0.04	0.93	0.41	0.63	0	0.05
1921	4	24	0	0.19	0.51	1.48	0.08	0.41	0.26	1.15	0.15	0.25
1921	4	25	0	0	0.01	0.05	0	0	0	0	0	0
1921	4	26	0	0	0	0	0	0	0	0	0	0
1921	4	27	0	0	0	0	0	0	0	0	0	0
1921	4	28	0	0	0	0	0	0	0	0	0	0
1921	4	29	0.38	0.07	0	0	0	0	0.01	0	0	0
1921	4	30	0.3	1.44	0	0	0.68	0.77	0.1	0.4	0.71	0.5
1921	5	1	0.06	1.82	0	0	0.6	0.14	0	0.09	0	0.15
1921	5	2	0	0	0	0	0.08	0	0	0	0	0
1921	5	3	0	0	0	0	0	0	0	0	0	0
1921	5	4	1.1	0	0	0	0	0	0	0	0	0
1921	5	5	0.42	0	0	0	0.02	0	0	0	0	0
1921	5	6	0.02	0	0	0	0.07	0	0	0	0	0
1921	5	7	0	0	0	0	0	0	0	0	0	0
1921	5	8	0	0	0	0	0	0	0	0	0	0
1921	5	9	0	0	0	0	0	0	0	0	0.04	0
1921	5	10	0	0	0.06	0.16	0	0	0	0	0	0
1921	5	11	0	0	0	0.04	0	0	0	0	0	0
1921	5	12	0.32	0	0	0	0	0	0	0	0	0
1921	5	13	1.01	0.91	1.1	0.43	0.21	0.88	0.21	1.1	0.02	0.1
1921	5	14	0.11	0.21	0.34	0.32	0.2	0.63	0	0.2	0.01	0
1921	5	15	0	0	0	0.01	0	0	0	0	0.04	0
1921	5	16	0.15	0	0.06	0.13	0	0	0	0	0.13	0
1921	5	17	0	0	0	0	0	0	0	0	0	0
1921	5	18	0	0	0	0	0	0	0	0	0	0
1921	5	19	0	0	0	0	0	0	0	0	0	0
1921	5	20	0	0	0	0	0	0	0	0	0	0
1921	5	21	0	0	0	0	0	0	0	0	0	0
1921	5	22	0.16	0	0.4	0.06	0	0.12	0.04	0	0.1	0
1921	5	23	0.11	0.28	0.02	0.3	0.33	0.77	0	0.27	0	0
1921	5	24	0	0	0	0	0.01	0	0	0	0	0
1921	5	25	0.67	0.33	0.08	0	0.03	0.28	0.01	0.26	0.18	0.3
1921	5	26	0	0.02	0	0	0.28	0	0	0.05	0	0.02
1921	5	27	0	0	0	0	0	0	0	0	0	0
1921	5	28	0.01	0	0	0	0	0	0	0	0	0
1921	5	29	0	0.06	0	0	0.02	0	0	0	0.15	0

1921	5	30	0	0	0	0	0	0	0	0	0	0
1921	5	31	0	0	0	0	0	0	0.21	0	0.33	0
1921	6	1	0	0	0	0	0	0	0	0	0	0.05
1921	6	2	0	0	0	0	0	0	0	0	0	0
1921	6	3	0	0	0	0	0	0	0.78	0	0.25	0
1921	6	4	0.08	0	0	0.01	0.26	0	0	0	0	0
1921	6	5	0	0	0	0	0	0	0	0	0	0
1921	6	6	0	0	0	0	0	0	0.01	0	0.11	0
1921	6	7	0	0	0	0	0	0	0	0	0	0
1921	6	8	0	0	0.17	0.01	0	0	0	0	0	0
1921	6	9	0	0	0	0	0	0	0	0	0	0
1921	6	10	0	0	0	0	0	0	0	0	0	0
1921	6	11	0.17	0.03	0.44	0	0.04	0.5	0.8	0.11	0.64	0.6
1921	6	12	0	0	0.06	0.39	0.17	0.01	0	0.06	0	0.8
1921	6	13	0.02	0.01	0.28	0	0.21	0.28	0.05	0.22	0.15	0.15
1921	6	14	0	0	0	0.28	0	0	0.05	0	0.13	0.05
1921	6	15	0	0	0.01	0	0	0	0	0	0	0
1921	6	16	0	0	0	0.03	0	0	0	0	0	0
1921	6	17	0.27	0	0	0	0	0	0	0	0	0
1921	6	18	0	0.14	0.2	0.05	0.03	0.12	0	0	0	0
1921	6	19	0	0	0.06	0.15	0	0	0	0	0	0
1921	6	20	0	0	0	0.05	0	0	0	0	0	0
1921	6	21	0	0	0	0	0	0	0	0	0	0
1921	6	22	0.28	0	0	0	0	0	0	0	0	0
1921	6	23	0.08	0	0	0	0	0	0	0	0.07	0.15
1921	6	24	0	0	0	0	0.01	0	0	0	0	0
1921	6	25	0	0	0	0	0	0	0	0	0	0
1921	6	26	0.14	0.13	0	0	0.18	0	0	0	0	0
1921	6	27	0.02	0	0	0	0.06	0	0.35	0	0.29	0.1
1921	6	28	0.44	0	0.2	0.44	0	0.98	0.1	0.03	0.22	0
1921	6	29	0.51	1.23	0.56	1.26	0.46	1.56	0	2.46	0.1	0
1921	6	30	0.78	2.04	0.72	0	1.15	0.71	0	0.53	0	0
1921	7	1	0.12	1.24	0.47	0.06	0.12	0.24	0	0.18	0	0
1921	7	2	0	0.3	0.06	0	0.93	0.16	0	0	0	0
1921	7	3	0	0	0	0	0.02	0	0	0	0	0
1921	7	4	0	0	0	0	0	0	0	0	0	0
1921	7	5	0	0	0	0	0	0	0	0	0	0
1921	7	6	0	0	0	0	0	0	0	0	0	0
1921	7	7	0	0	0	0	0	0	0	0	0	0
1921	7	8	0	0	0	0	0	0.1	0.06	0	0	0.1
1921	7	9	0.01	6.04	0.01	0	0.01	1.17	0	0.91	0	0.4
1921	7	10	0	0	0.3	1.72	0.01	0	0.01	0.31	0.36	0.3
1921	7	11	0	0	0	0.01	0.36	0	0.03	0	0.76	1.75

1921	7	12	0	0	0	0	0	0	0	0	0	0.1
1921	7	13	0.03	0	0	0	0	0	0	0	0	0
1921	7	14	0.01	0	0	0	0	0	0.06	0	0.13	0.86
1921	7	15	0.58	0.26	0.05	0.17	0.18	0.5	0.81	0.26	0.18	0.55
1921	7	16	0	0	0	0	0.82	0	0	0	0	0
1921	7	17	0	0	0	0	0	0	0.07	0	0	0
1921	7	18	0	0	0	0	0	0	0.49	0	0.02	0
1921	7	19	0.5	0.03	0.12	0.03	0	0.01	0.15	0.01	0.21	2.65
1921	7	20	0	1.13	0.23	0.01	0.71	0.46	0.02	0	0	0
1921	7	21	0.03	1.1	0	0.67	0.37	0.03	0	0.42	0	0
1921	7	22	0	0	0	0	0	0	0	0	0	0
1921	7	23	0	0	0	0	0	0	0	0	0	0
1921	7	24	0	0	0	0	0	0	0	0	0.06	0
1921	7	25	0	0	0.03	0.02	0	0	0	0	0	0
1921	7	26	0.37	0	0.78	0	0	0	0	0	0	0
1921	7	27	0	0	0	0	0	0	0	0	0.01	0
1921	7	28	0.08	0	0.63	0	0	0	0.3	0	0.31	0.45
1921	7	29	0.27	1.51	0.06	0	0.36	2.44	0.01	2.05	0	0.1
1921	7	30	0.01	0.01	0.04	0.04	0.8	0	0	0.65	0	0
1921	7	31	0.01	0.07	0.42	0.02	0	0.15	0.2	0.27	0.01	0
1921	8	1	0	0	0	0.48	0	0	0	0	0	0
1921	8	2	0.82	0	0	0	0	0	0	0	0	0
1921	8	3	0.6	0	0	0	0.01	0	0	0	0	0
1921	8	4	0	0	0	0	0	0	0	0	0	0
1921	8	5	0	0	0	0	0	0	0	0	0	0
1921	8	6	0	0	0	0	0	0	0	0	0	0
1921	8	7	2.18	0.02	0.34	0.11	0	0.2	0.04	0.05	0.35	0
1921	8	8	0.19	0.14	1.28	1.59	0.76	0.56	0	0.45	0.14	0.5
1921	8	9	0	0	0	0	0	0	0	0	0	0
1921	8	10	0	0	0	0	0	0	0	0	0	0
1921	8	11	0	0	0	0	0	0	0.74	0	0.45	0.75
1921	8	12	0.08	0.02	0.02	0.08	0.32	0.09	0.82	0.1	0.69	0
1921	8	13	0	0	0	0	0	0.03	0	0	0	0
1921	8	14	0.4	0.33	0.01	0	0	0	0.63	0	0.22	0.2
1921	8	15	0	0	0	0	0	0	0	0	0	0
1921	8	16	0	0	0	0	0	0	0	0	0	0
1921	8	17	0.18	0	0	0	0	0.02	0	0	0.03	0
1921	8	18	0.12	1.12	0.94	1.36	0.79	0.7	0.66	1.25	0.51	0.45
1921	8	19	0	0	0	0	0.21	0	0	0	0	0
1921	8	20	0	0	0	0	0	0	0.66	0	0.58	0.2
1921	8	21	0	0	0	0	0.06	0	0	0	0	0
1921	8	22	0	0	0	0	0	0	0	0	0	0
1921	8	23	0	0	0	0	0	0	0	0	0	0